

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052405.D
 Acq On : 20 Nov 2018 14:12
 Operator : MD\SY
 Sample : VN1120WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Quant Time: Nov 20 15:44:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	254204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	429559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	380643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	196185	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	7.59	113	148313	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	10.09	98	543541	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	180164	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	52209	19.38	ug/l	99
3) Chloromethane	2.06	50	72219	19.29	ug/l	99
4) Vinyl Chloride	2.19	62	63864	19.74	ug/l	98
5) Bromomethane	2.58	94	36065	17.88	ug/l	100
6) Chloroethane	2.71	64	37455	20.47	ug/l	95
7) Trichlorofluoromethane	3.02	101	93286	20.83	ug/l	96
8) Diethyl Ether	3.42	74	32170	18.85	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	52933	18.72	ug/l	97
10) Methyl Iodide	3.96	142	59912	15.78	ug/l	97
11) Tert butyl alcohol	4.77	59	6213	32.77	ug/l #	72
12) 1,1-Dichloroethene	3.75	96	49950	19.09	ug/l	96
13) Acrolein	3.61	56	23608	97.13	ug/l	99
14) Allyl chloride	4.33	41	107858	20.07	ug/l	95
15) Acrylonitrile	4.99	53	102879	95.02	ug/l	97
16) Acetone	3.82	43	87148	88.16	ug/l	92
17) Carbon Disulfide	4.06	76	149195	19.88	ug/l	96
18) Methyl Acetate	4.33	43	55514	20.30	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	148005	19.68	ug/l	100
20) Methylene Chloride	4.55	84	60409	19.66	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	53889	19.13	ug/l	97
22) Diisopropyl ether	5.96	45	228519	20.84	ug/l	98
23) Vinyl Acetate	5.90	43	701563	94.33	ug/l	98
24) 1,1-Dichloroethane	5.85	63	118296	20.12	ug/l	99
25) 2-Butanone	6.84	43	129051	92.75	ug/l	97
26) 2,2-Dichloropropane	6.83	77	79030	18.28	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	62596	19.09	ug/l	93
28) Bromochloromethane	7.20	49	66210	21.90	ug/l	98
29) Tetrahydrofuran	7.21	42	84565	92.51	ug/l	98
30) Chloroform	7.37	83	119209	21.28	ug/l	100
31) Cyclohexane	7.66	56	109964	19.50	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	95561	20.02	ug/l	95
36) 1,1-Dichloropropene	7.80	75	84351	19.59	ug/l	98
37) Ethyl Acetate	6.93	43	57764	18.49	ug/l	98
38) Carbon Tetrachloride	7.78	117	82160	20.77	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	91867	18.69	ug/l	96
40) Benzene	8.04	78	245327	19.95	ug/l	96
41) Methacrylonitrile	7.17	41	30248	19.84	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	95534	21.78	ug/l	99
43) Isopropyl Acetate	8.17	43	104379	17.31	ug/l	98
44) Trichloroethene	8.84	130	61448	20.28	ug/l	98
45) 1,2-Dichloropropane	9.12	63	69471	19.90	ug/l	98
46) Dibromomethane	9.21	93	41588	20.58	ug/l	95
47) Bromodichloromethane	9.40	83	88949	21.45	ug/l	100
48) Methyl methacrylate	9.20	41	52790	17.25	ug/l	98
49) 1,4-Dioxane	9.20	88	9813	417.82	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	296622	97.73	ug/l	97
52) Toluene	10.16	92	149386	20.30	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	78235	18.71	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	94449	19.81	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	52772	19.78	ug/l	95
56) Ethyl methacrylate	10.43	69	62748	17.89	ug/l	95
57) 1,3-Dichloropropane	10.71	76	95978	20.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	197501	98.89	ug/l	99
59) 2-Hexanone	10.75	43	191886	91.92	ug/l	96
60) Dibromochloromethane	10.90	129	59129	20.49	ug/l	99
61) 1,2-Dibromoethane	11.01	107	49619	18.68	ug/l	98
64) Tetrachloroethene	10.63	164	53756	19.86	ug/l	99
65) Chlorobenzene	11.43	112	158824	19.74	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	56215	20.49	ug/l	100
67) Ethyl Benzene	11.51	91	284670	20.39	ug/l	99
68) m/p-Xylenes	11.62	106	208961	40.95	ug/l	98
69) o-Xylene	11.95	106	100767	20.60	ug/l	97
70) Styrene	11.96	104	162326	20.73	ug/l	99
71) Bromoform	12.12	173	33465	20.66	ug/l #	99
73) Isopropylbenzene	12.25	105	268427	20.29	ug/l	100
74) N-amyl acetate	12.07	43	81582	17.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	62151	19.43	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	79814	28.58	ug/l #	100
77) Bromobenzene	12.53	156	62848	20.41	ug/l	99
78) n-propylbenzene	12.59	91	320928	20.74	ug/l	99
79) 2-Chlorotoluene	12.67	91	187501	20.74	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	221669	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	14544	16.89	ug/l	86
82) 4-Chlorotoluene	12.77	91	188822	20.39	ug/l	96
83) tert-Butylbenzene	12.99	119	195723	21.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	224522	21.26	ug/l	99
85) sec-Butylbenzene	13.17	105	262179	20.72	ug/l	99
86) p-Isopropyltoluene	13.29	119	220959	20.61	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	109457	20.02	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	108019	19.87	ug/l	99
89) n-Butylbenzene	13.62	91	187320	20.35	ug/l	99
90) Hexachloroethane	13.87	117	39691	20.91	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	106545	20.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9421	19.97	ug/l	89

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Quant Title : SW846 8260
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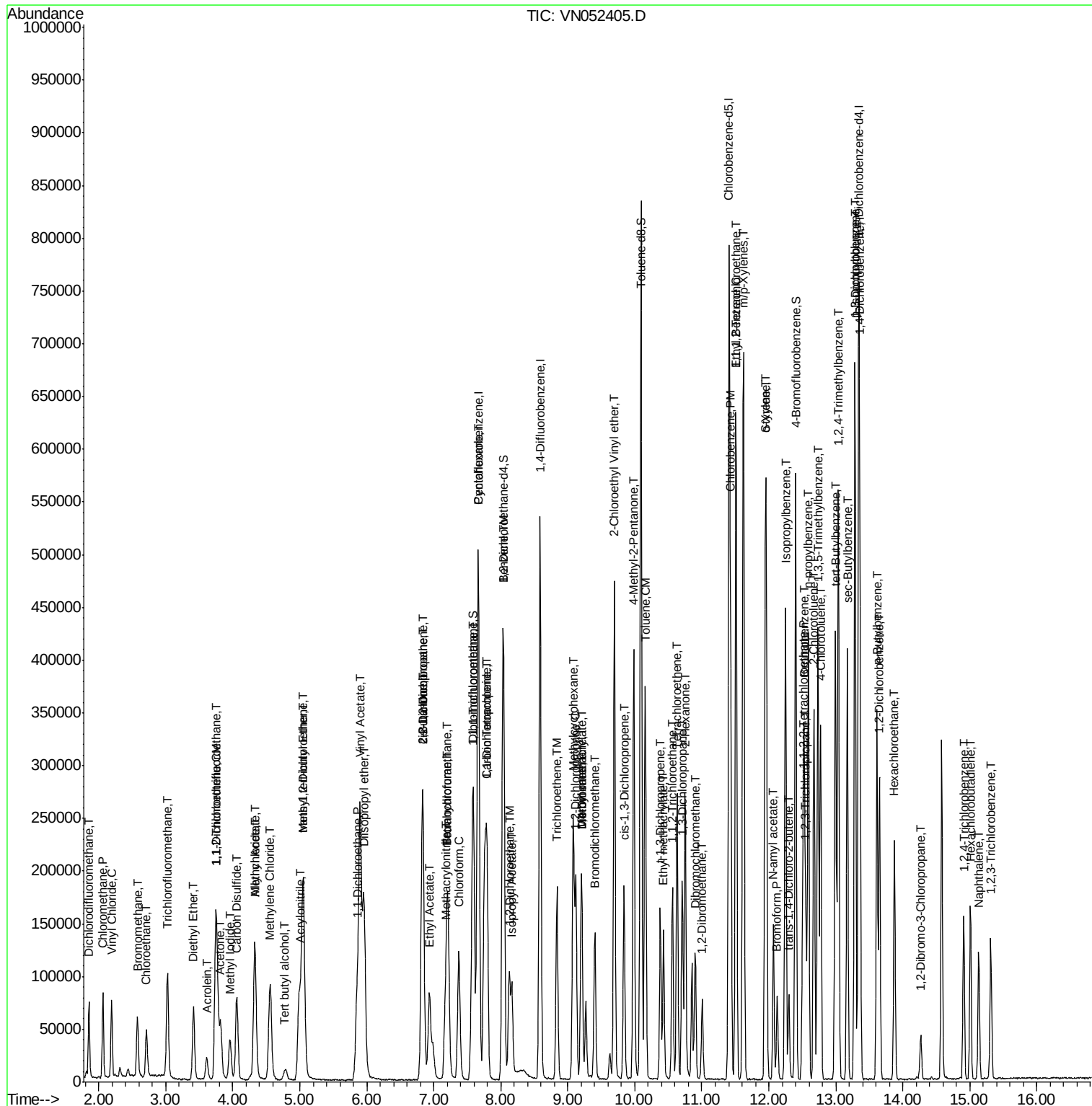
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41820	18.46	ug/l	97
94) Hexachlorobutadiene	15.01	225	25292	20.86	ug/l	99
95) Naphthalene	15.13	128	92347	17.63	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	38701	19.23	ug/l	96

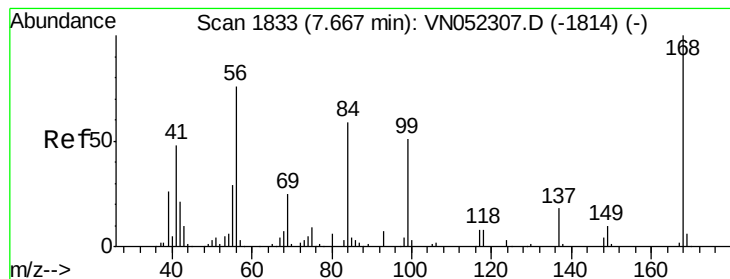
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
Data File : VN052405.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

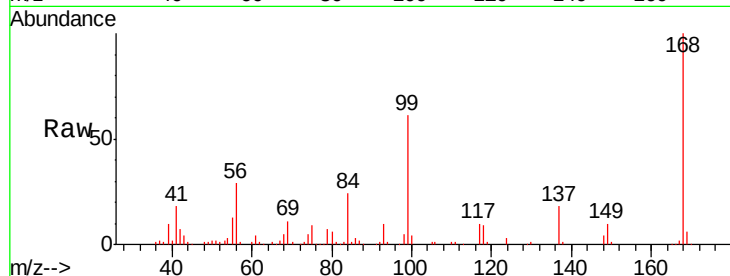
VN1120WBSD01

Tgt Ion: 168 Resp: 254204

Ion Ratio Lower Upper

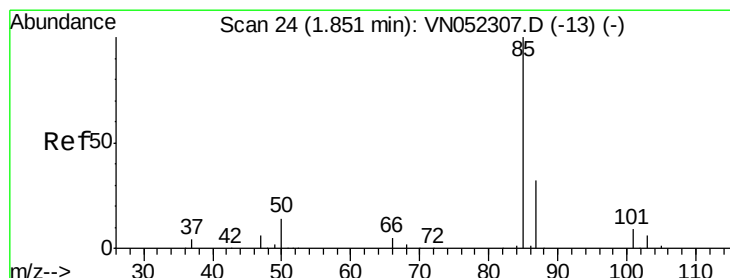
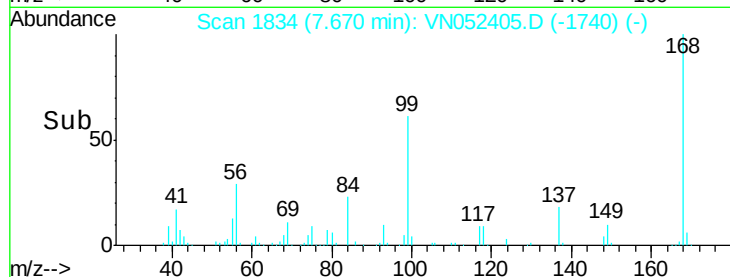
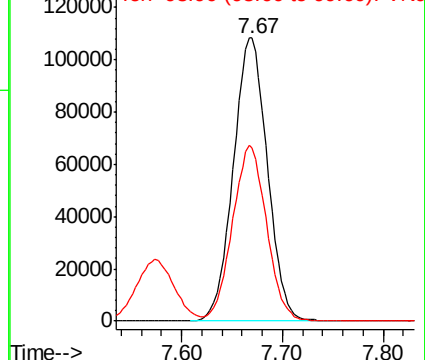
168 100

99 61.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.38 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052405.D

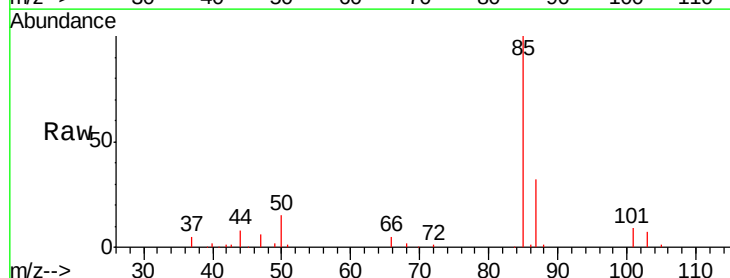
Acq: 20 Nov 2018 14:12

Tgt Ion: 85 Resp: 52209

Ion Ratio Lower Upper

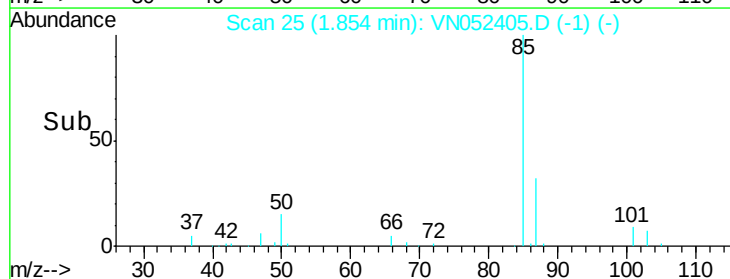
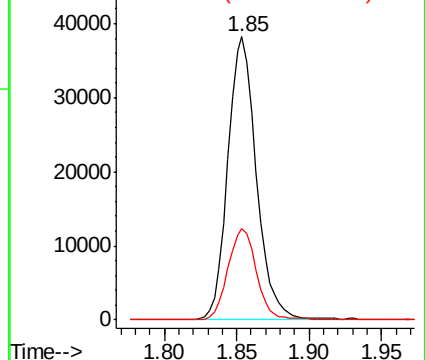
85 100

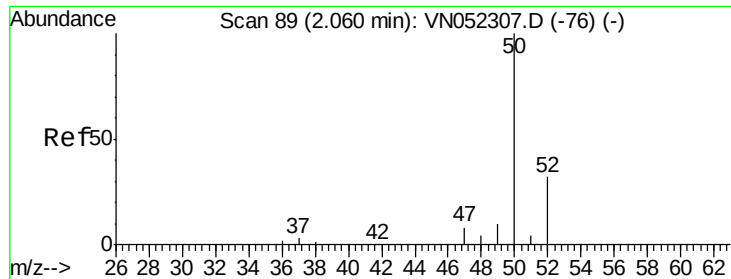
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

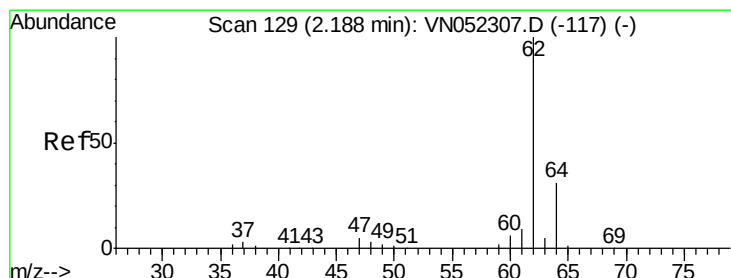
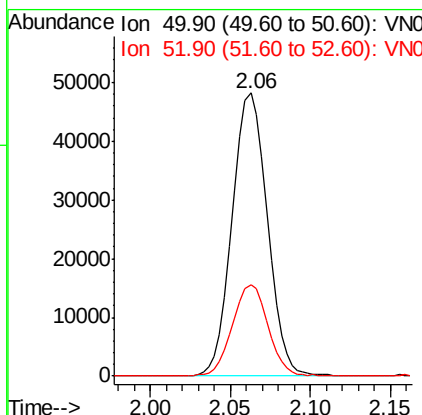
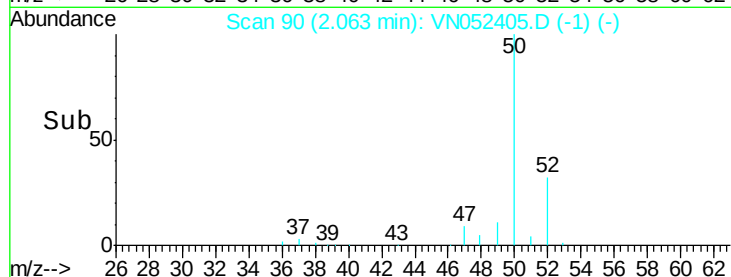
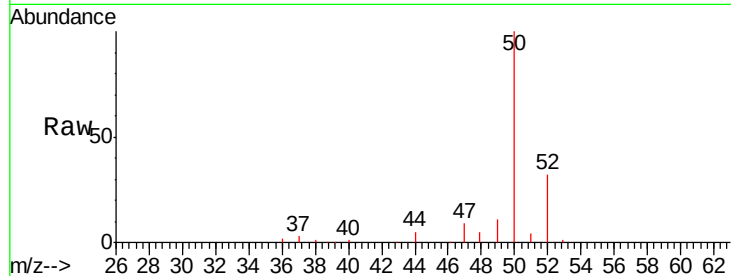




#3
 Chloromethane
 Concen: 19.29 ug/l
 RT: 2.06 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

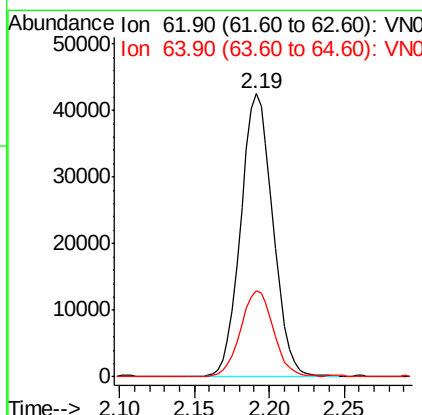
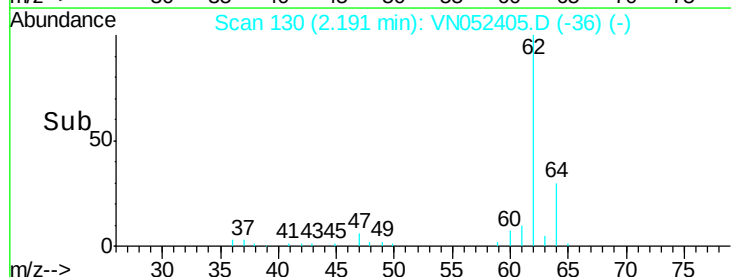
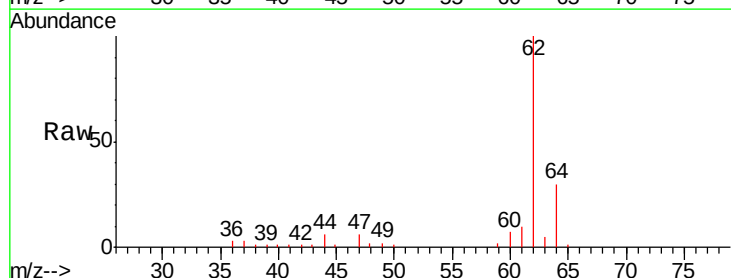
Instrument :
 MSVOA_N
 ClientSampled :
 VN1120WBSD01

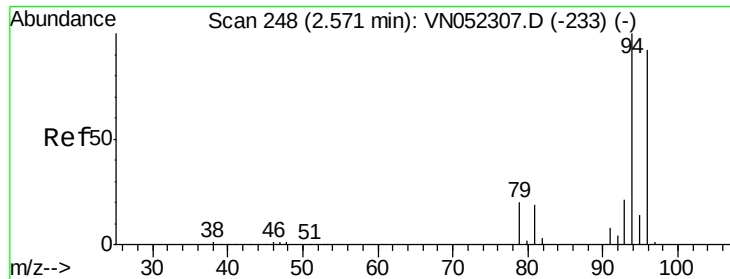
Tgt Ion: 50 Resp: 72219
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.5 38.3



#4
 Vinyl Chloride
 Concen: 19.74 ug/l
 RT: 2.19 min Scan# 130
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 62 Resp: 63864
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.2 37.8





#5

Bromomethane

Concen: 17.88 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

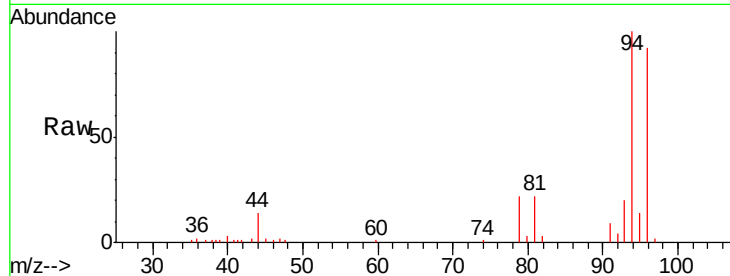
VN1120WBSD01

Tgt Ion: 94 Resp: 36065

Ion Ratio Lower Upper

94 100

96 91.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN052307.D (-233) (-)

Ion 95.90 (95.60 to 96.60): VN052307.D (-233) (-)

2.58

20000

15000

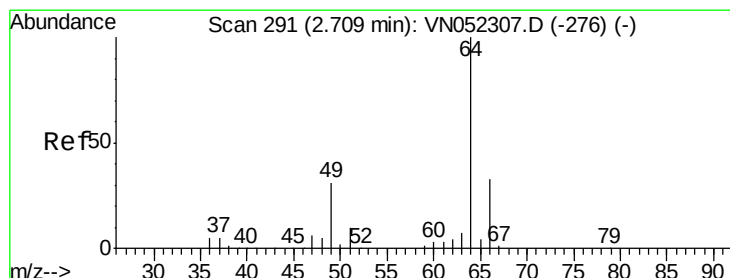
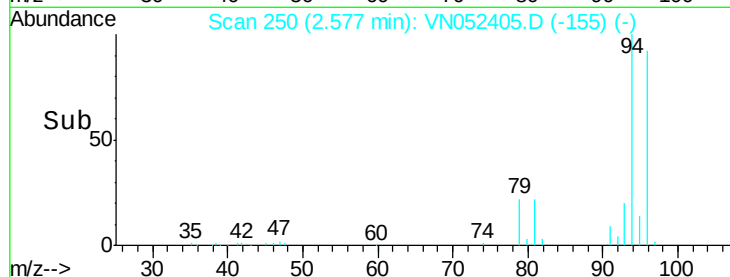
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.47 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052405.D

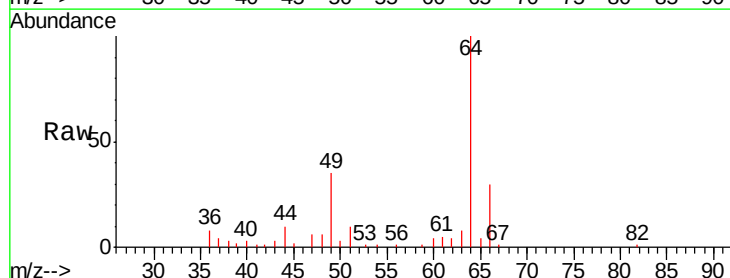
Acq: 20 Nov 2018 14:12

Tgt Ion: 64 Resp: 37455

Ion Ratio Lower Upper

64 100

66 29.7 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN052307.D (-276) (-)

Ion 65.90 (65.60 to 66.60): VN052307.D (-276) (-)

2.71

20000

15000

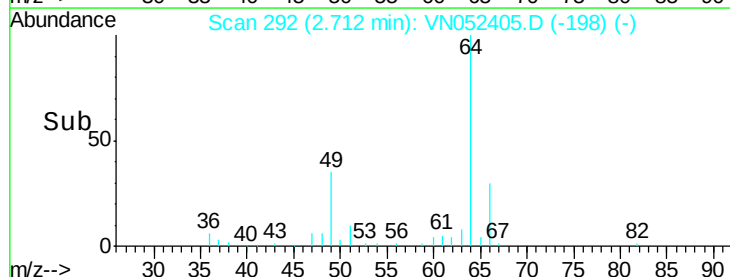
10000

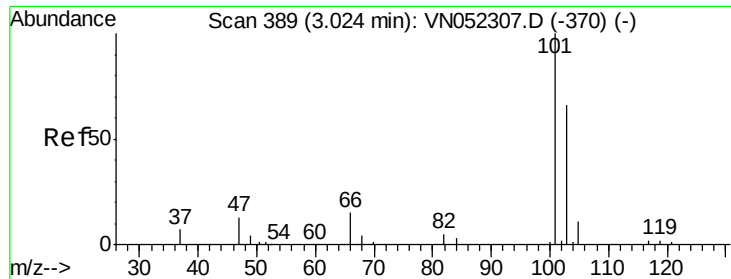
5000

0

Time-->

2.65 2.70 2.75 2.80





#7

Trichlorofluoromethane

Concen: 20.83 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN052405.D

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ClientSampleId :

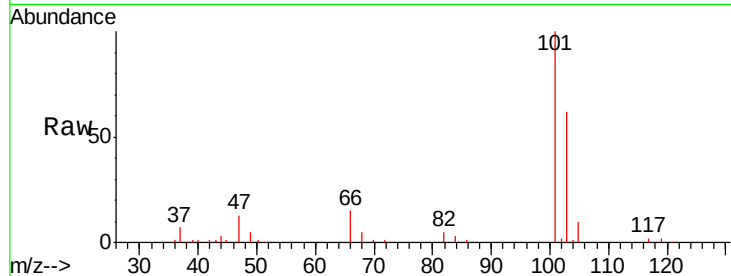
VN1120WBSD01

Tgt Ion:101 Resp: 93286

Ion Ratio Lower Upper

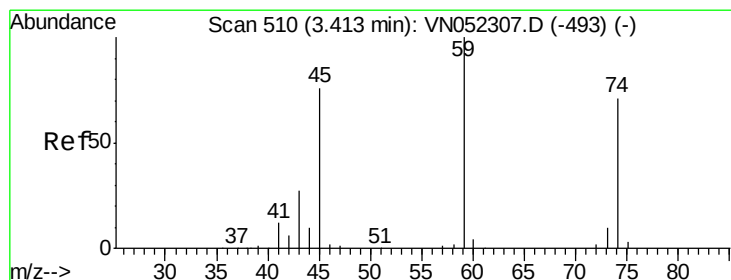
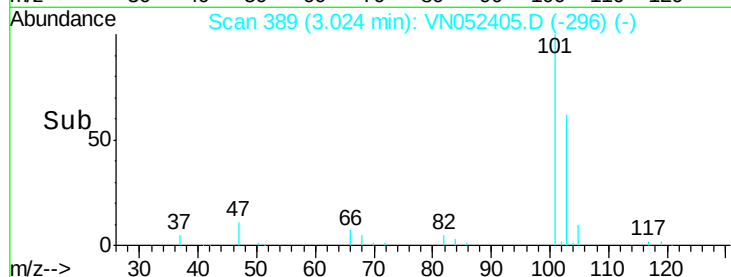
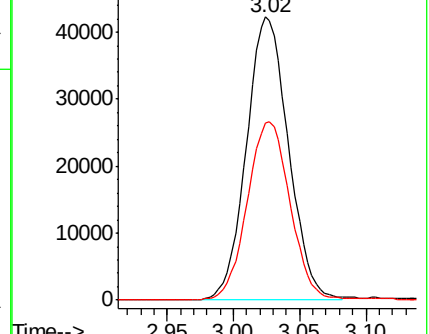
101 100

103 62.4 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.85 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN052405.D

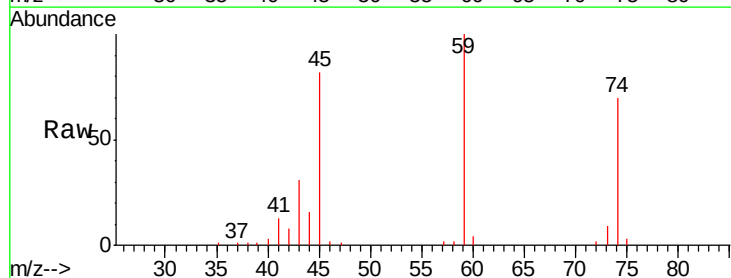
Acq: 20 Nov 2018 14:12

Tgt Ion: 74 Resp: 32170

Ion Ratio Lower Upper

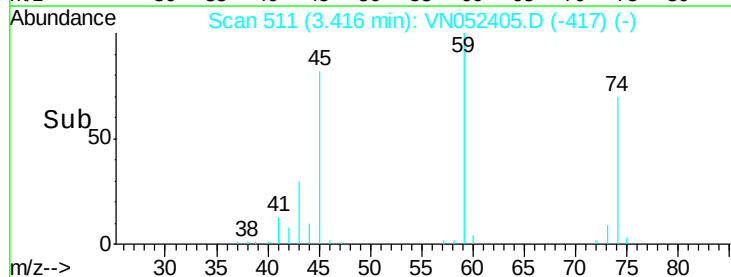
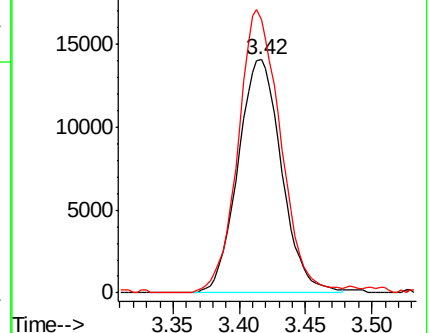
74 100

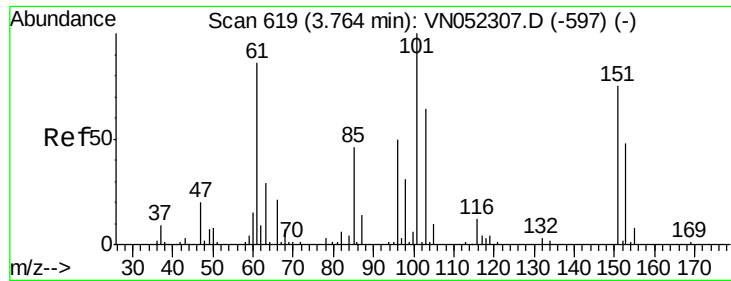
45 118.2 54.3 162.9



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.72 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

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VN1120WBSD01

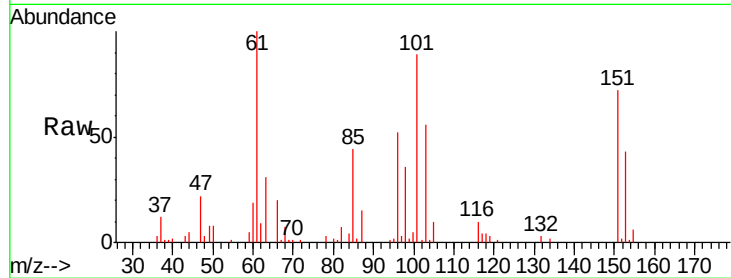
Tgt Ion:101 Resp: 52933

Ion Ratio Lower Upper

101 100

85 49.3 37.4 56.0

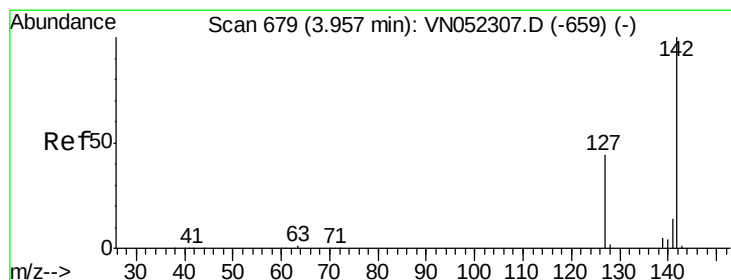
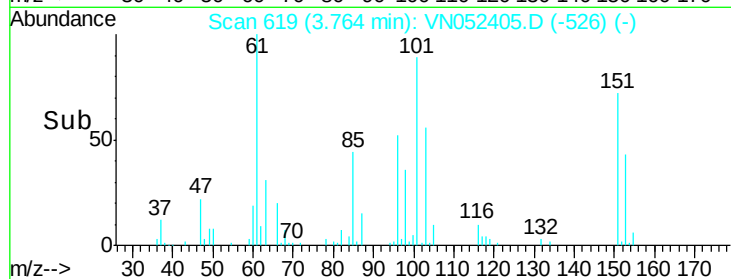
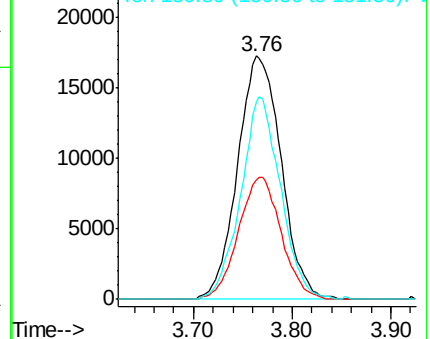
151 76.0 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.78 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

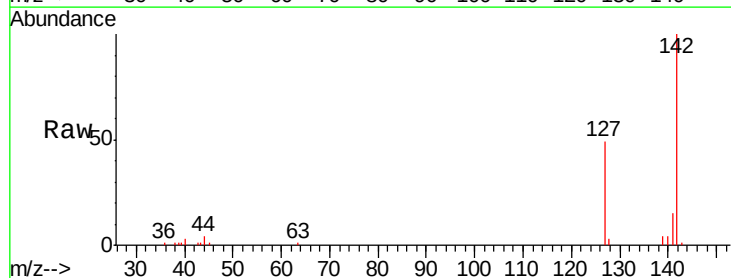
Tgt Ion:142 Resp: 59912

Ion Ratio Lower Upper

142 100

127 48.1 36.3 54.5

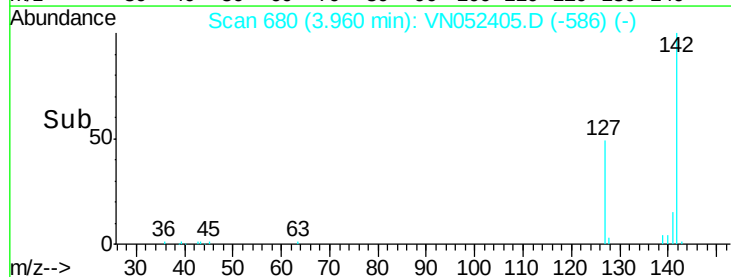
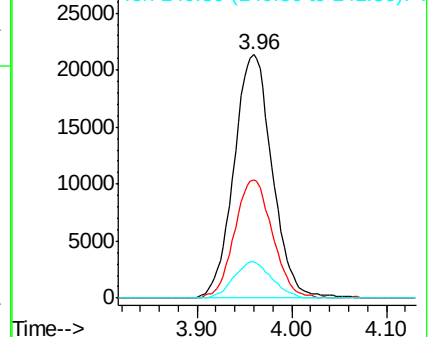
141 14.7 11.4 17.2

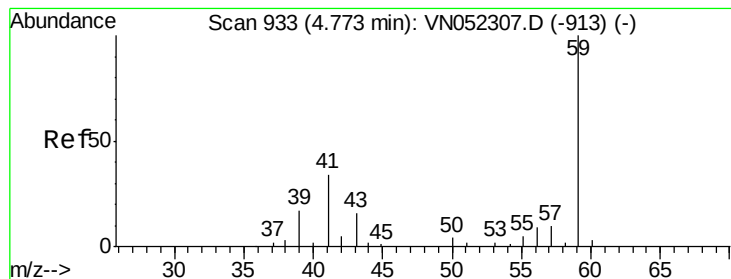


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 32.77 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

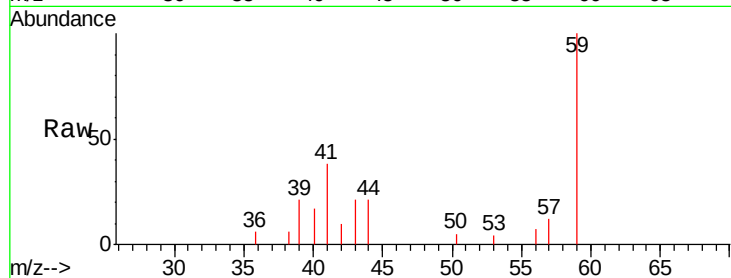
VN1120WBSD01

Tgt Ion: 59 Resp: 6213

Ion Ratio Lower Upper

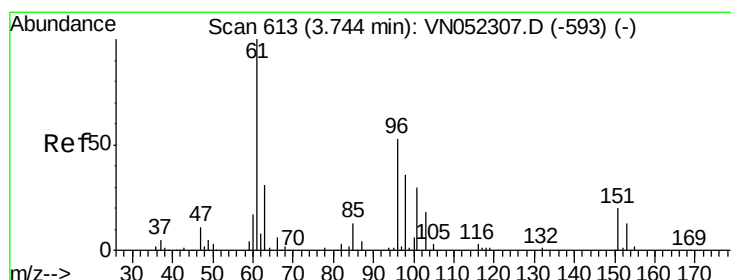
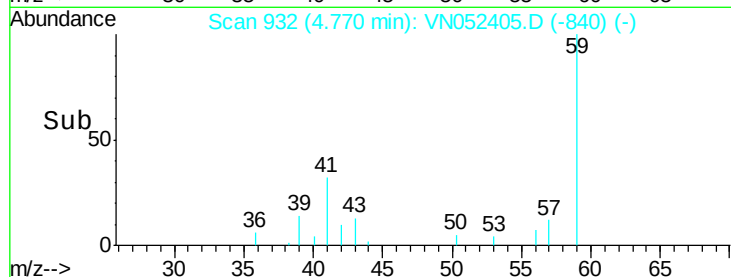
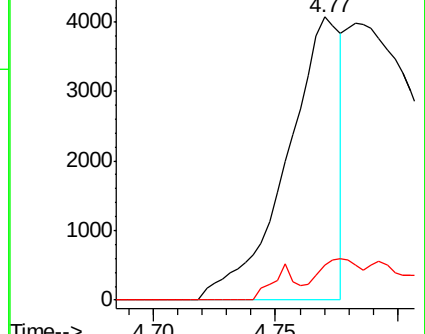
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.09 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

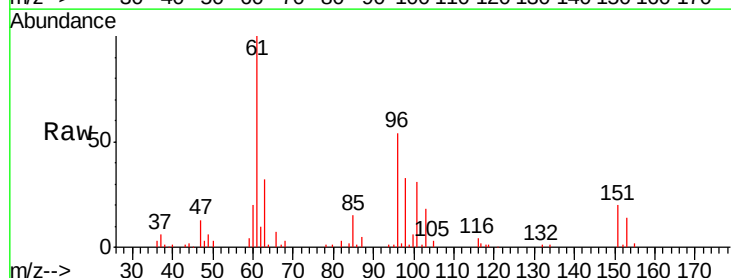
Tgt Ion: 96 Resp: 49950

Ion Ratio Lower Upper

96 100

61 184.5 149.6 224.4

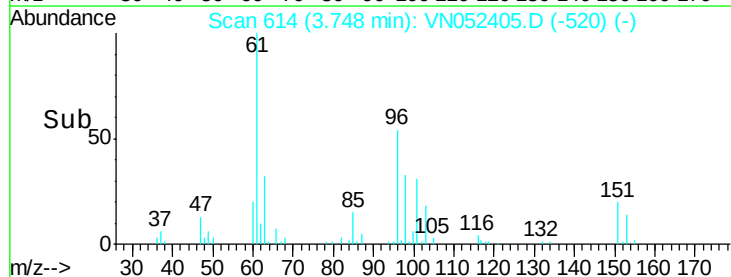
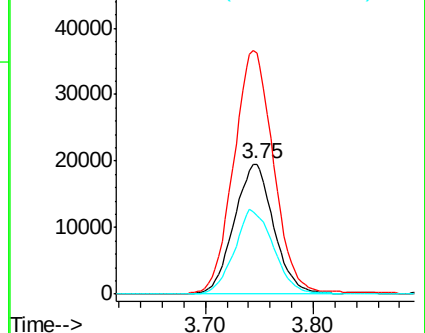
98 60.6 54.2 81.2

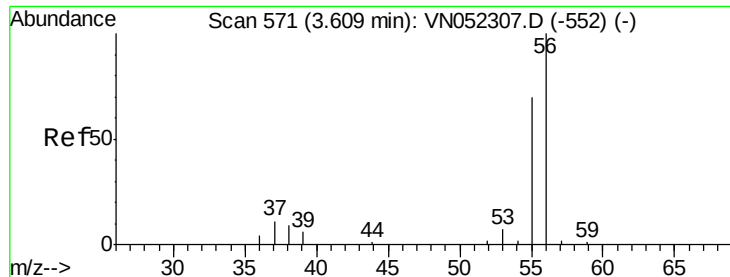


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 97.13 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

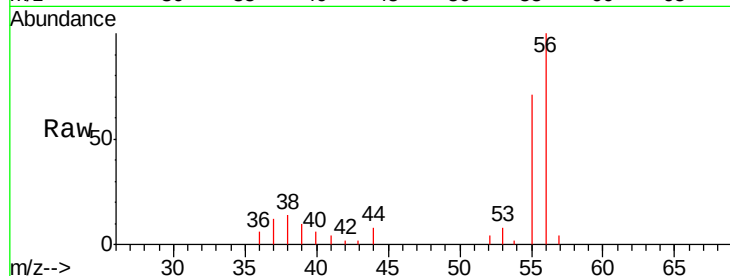
VN1120WBSD01

Tgt Ion: 56 Resp: 23608

Ion Ratio Lower Upper

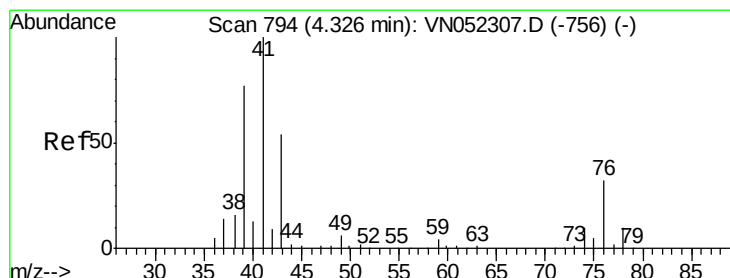
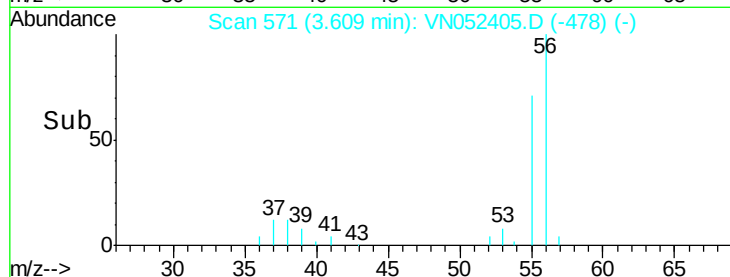
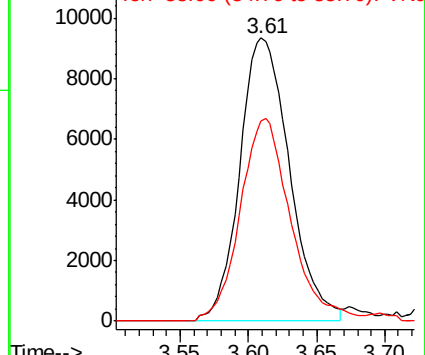
56 100

55 72.7 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.07 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

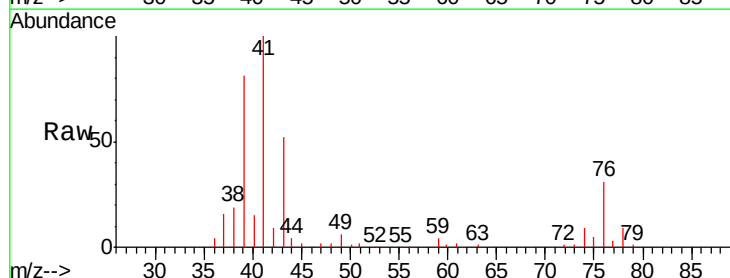
Tgt Ion: 41 Resp: 107858

Ion Ratio Lower Upper

41 100

39 79.1 59.1 88.7

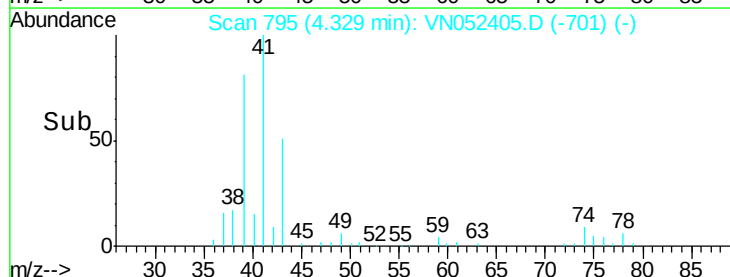
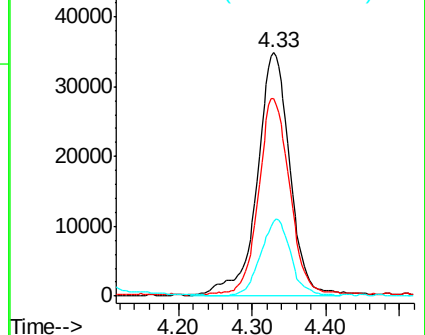
76 29.1 24.1 36.1

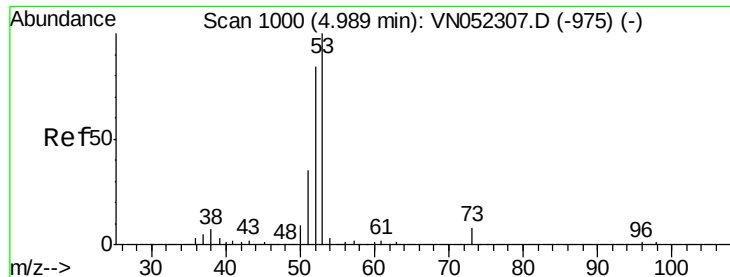


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.02 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

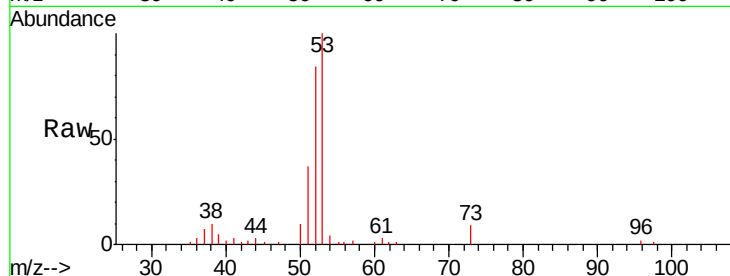
Tgt Ion: 53 Resp: 102879

Ion Ratio Lower Upper

53 100

52 81.9 67.5 101.3

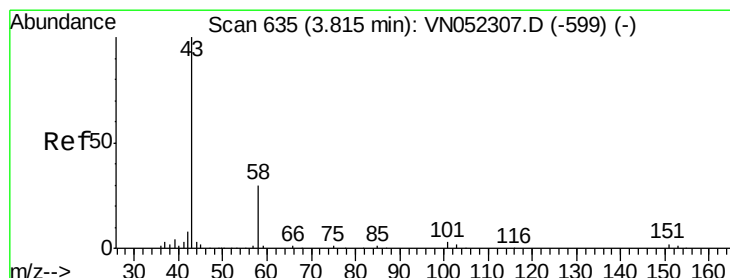
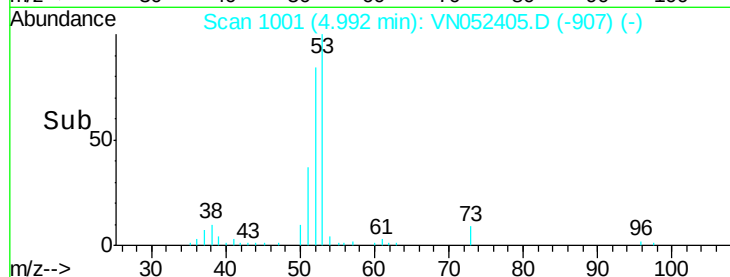
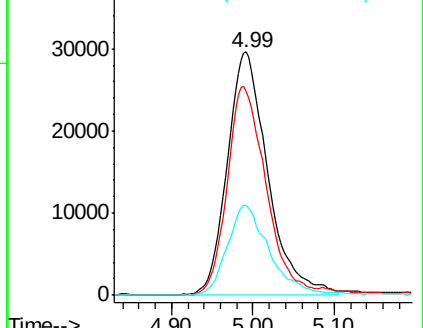
51 38.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 88.16 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052405.D

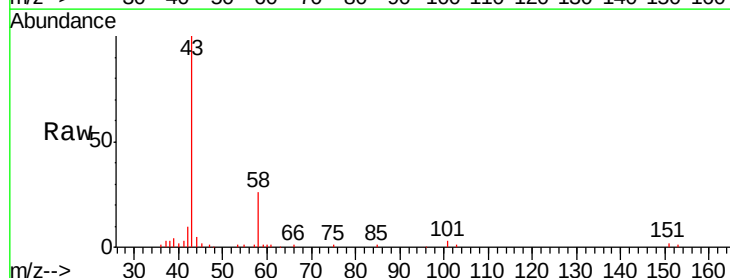
Acq: 20 Nov 2018 14:12

Tgt Ion: 43 Resp: 87148

Ion Ratio Lower Upper

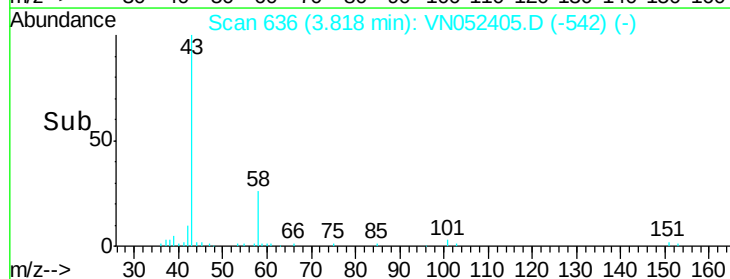
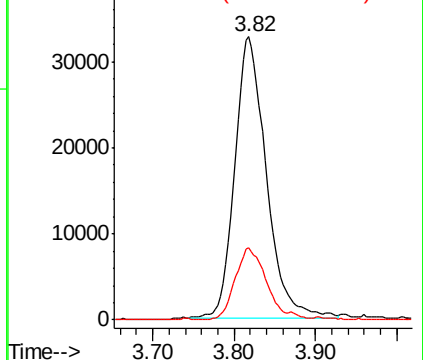
43 100

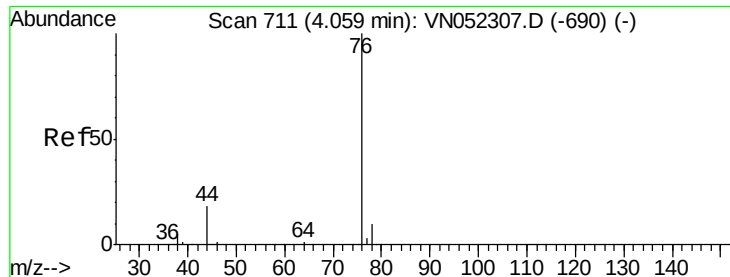
58 25.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

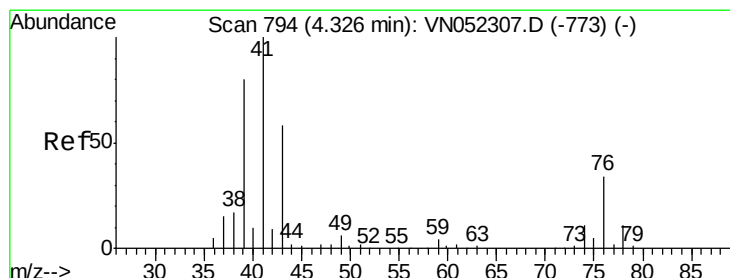
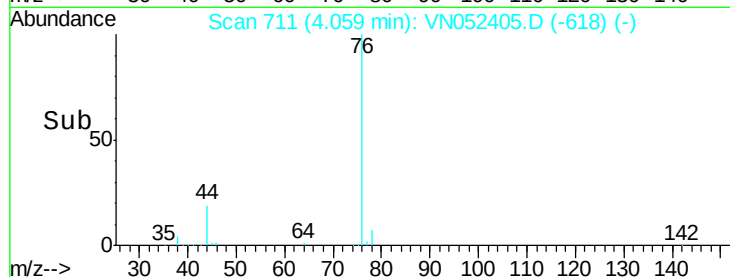
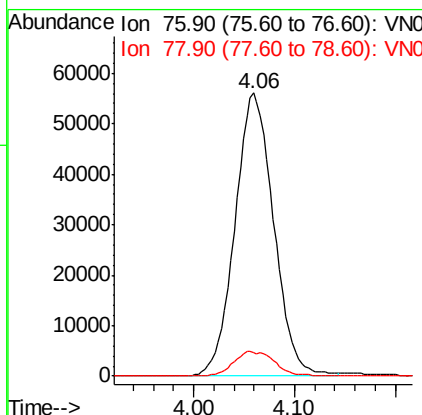
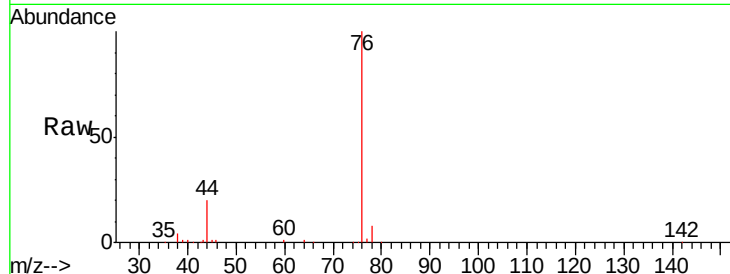




#17
Carbon Disulfide
Concen: 19.88 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

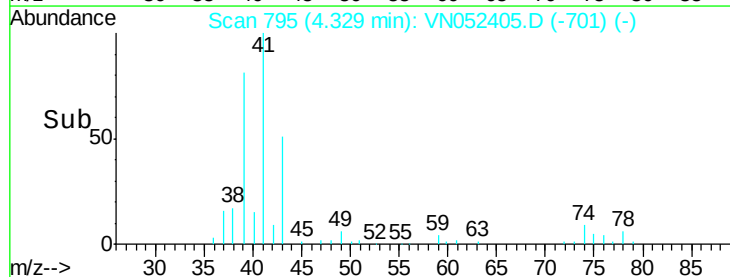
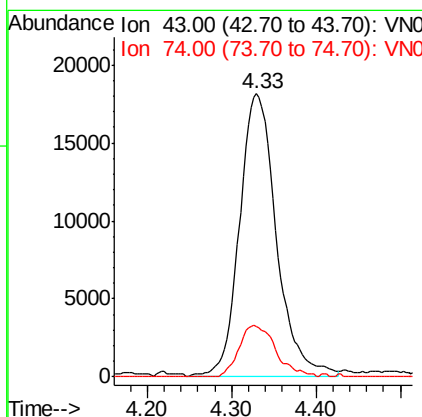
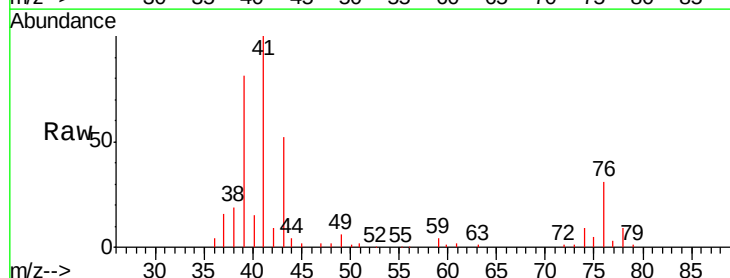
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

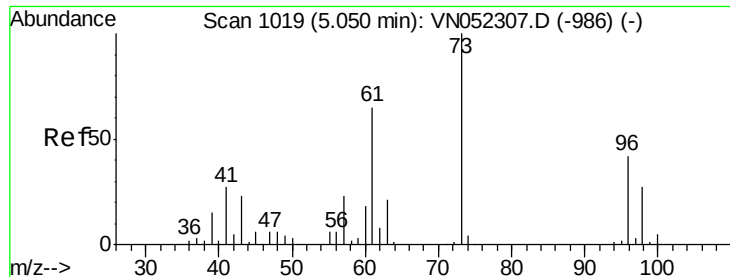
Tgt Ion: 76 Resp: 149195
Ion Ratio Lower Upper
76 100
78 8.1 7.7 11.5



#18
Methyl Acetate
Concen: 20.30 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 43 Resp: 55514
Ion Ratio Lower Upper
43 100
74 18.1 15.9 23.9

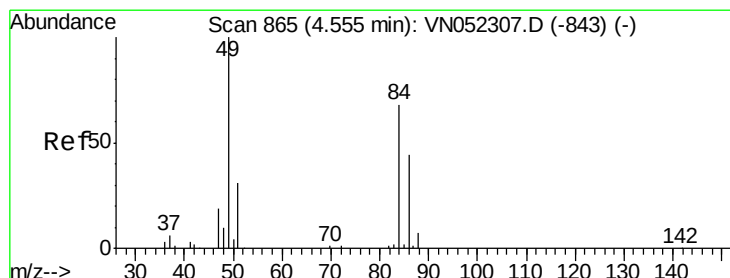
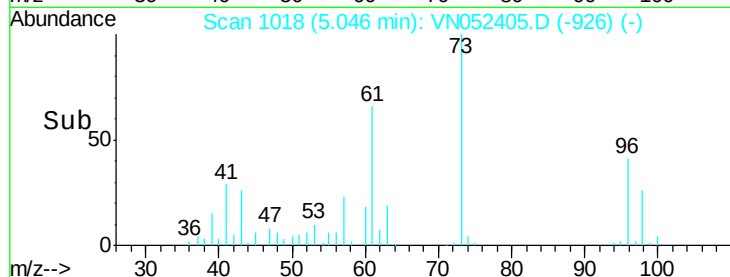
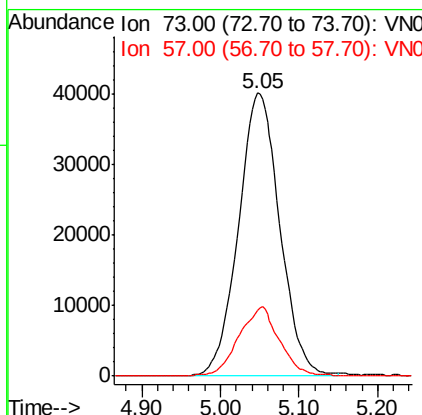
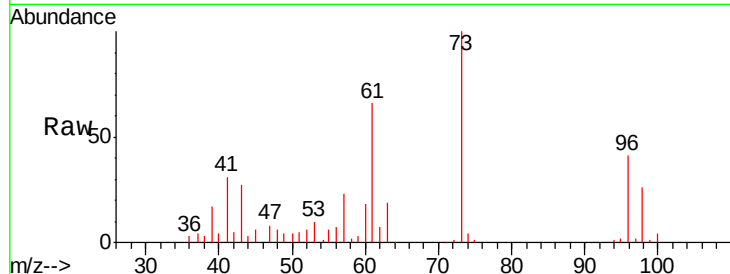




#19
Methyl tert-butyl Ether
Concen: 19.68 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

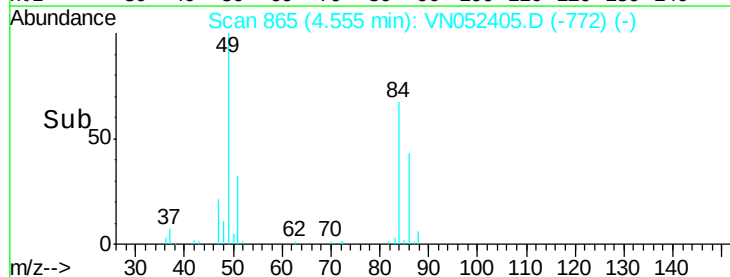
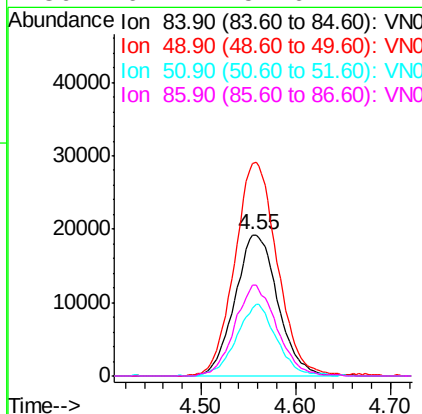
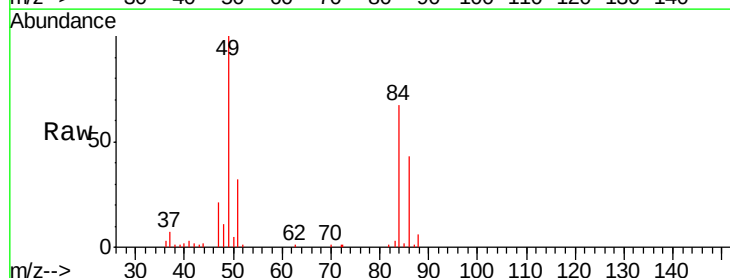
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

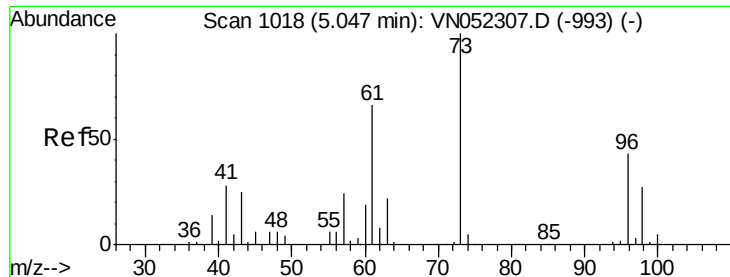
Tgt Ion: 73 Resp: 148005
Ion Ratio Lower Upper
73 100
57 23.2 18.7 28.1



#20
Methylene Chloride
Concen: 19.66 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 84 Resp: 60409
Ion Ratio Lower Upper
84 100
49 149.3 118.2 177.2
51 48.0 36.1 54.1
86 64.2 51.6 77.4

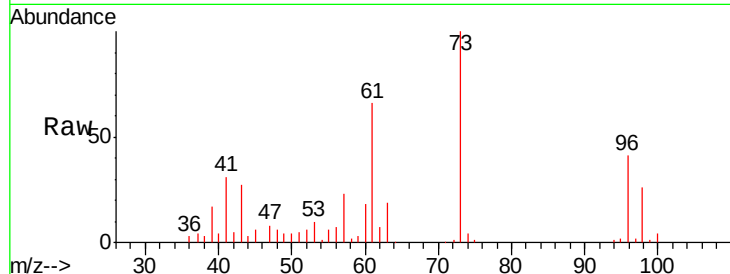




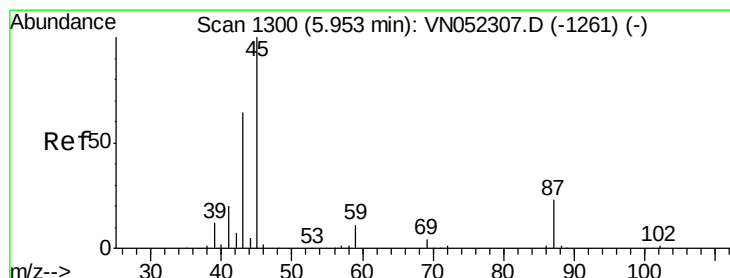
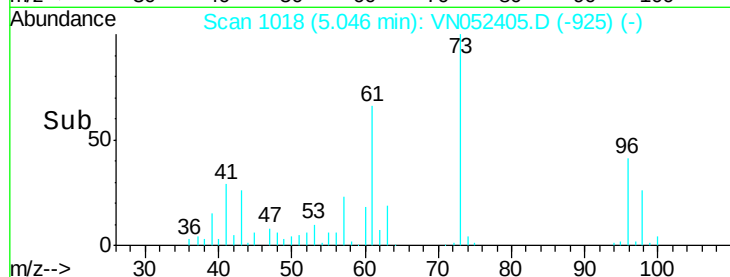
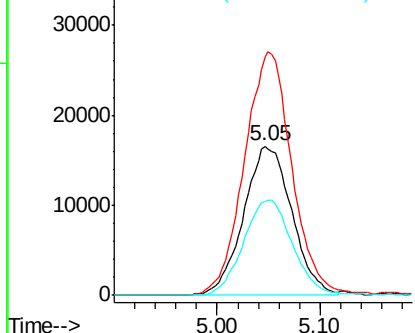
#21
trans-1,2-Dichloroethene
Concen: 19.13 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 96 Resp: 53889
Ion Ratio Lower Upper
96 100
61 159.8 123.6 185.4
98 62.9 50.7 76.1

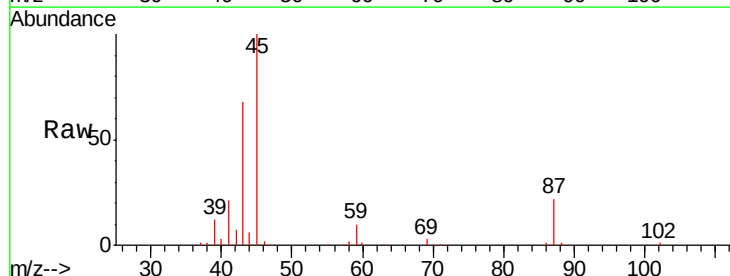


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

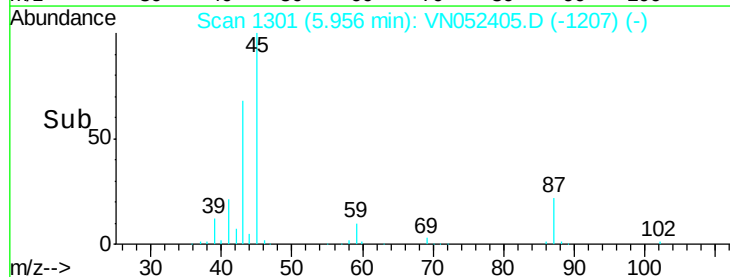
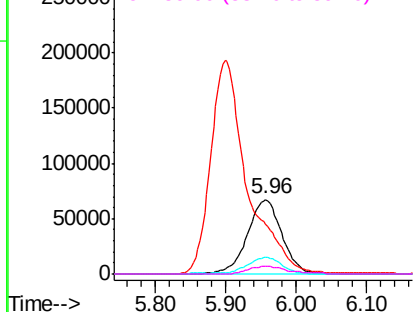


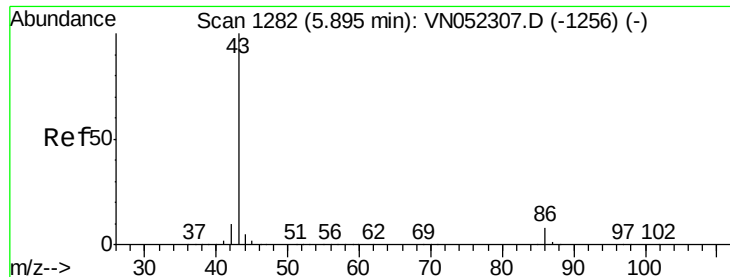
#22
Diisopropyl ether
Concen: 20.84 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 45 Resp: 228519
Ion Ratio Lower Upper
45 100
43 66.0 51.4 77.2
87 22.3 18.8 28.2
59 10.1 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC

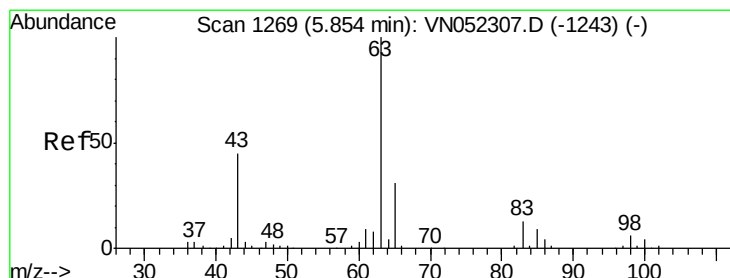
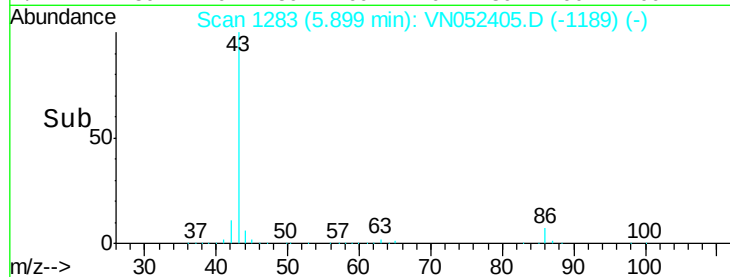
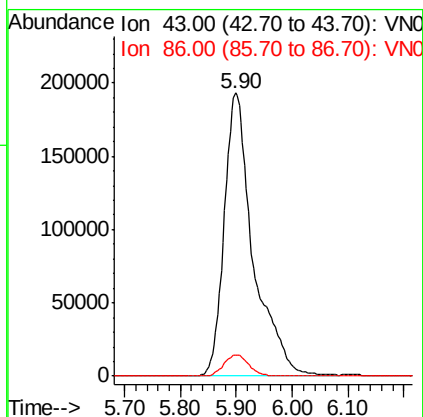
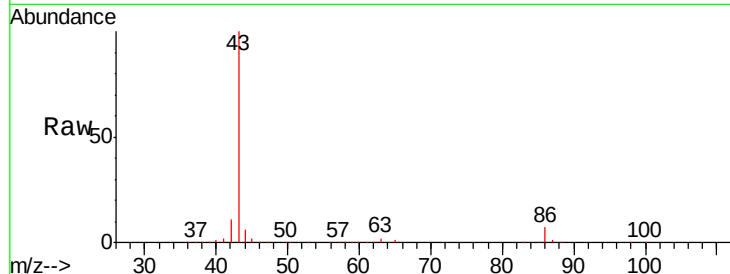




#23
 Vinyl Acetate
 Concen: 94.33 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

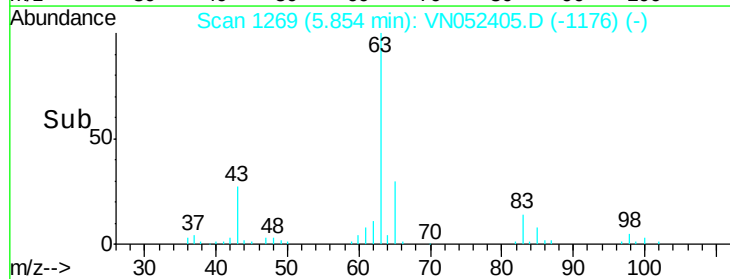
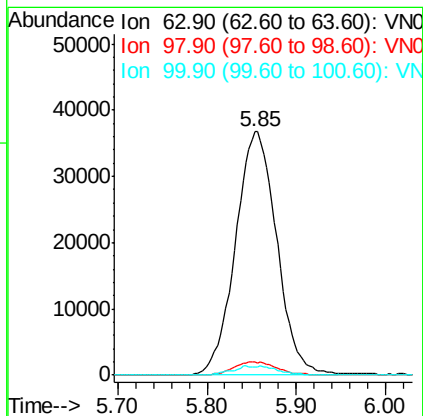
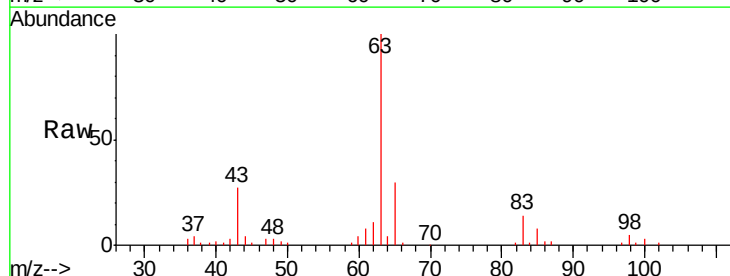
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

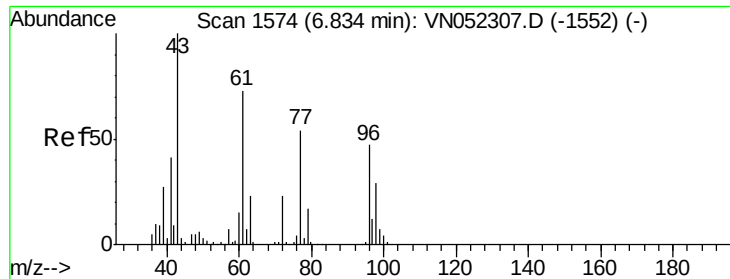
Tgt Ion: 43 Resp: 701563
 Ion Ratio Lower Upper
 43 100
 86 7.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 20.12 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 63 Resp: 118296
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.6
 100 3.3 1.9 5.7





#25

2-Butanone

Concen: 92.75 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

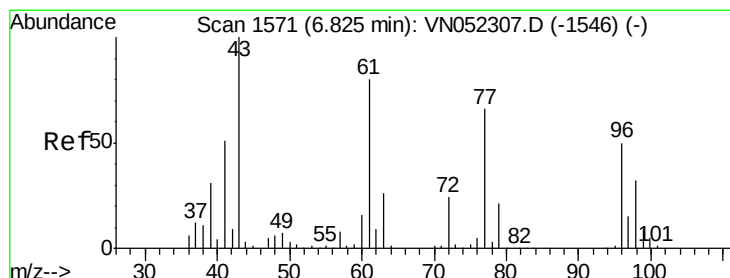
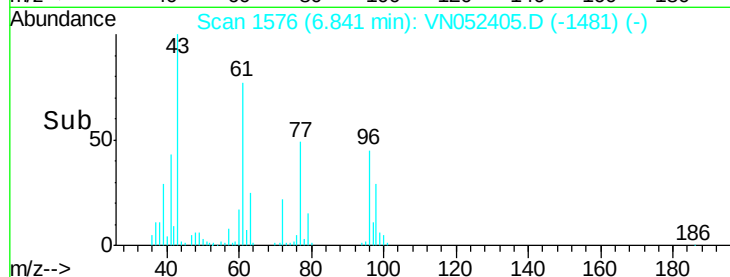
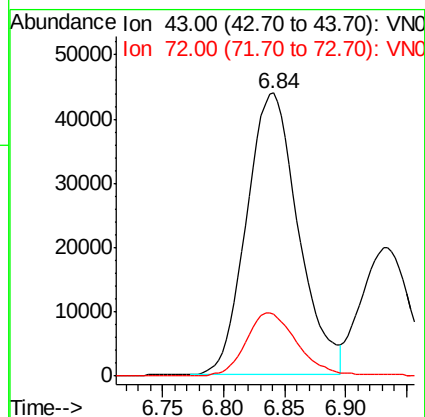
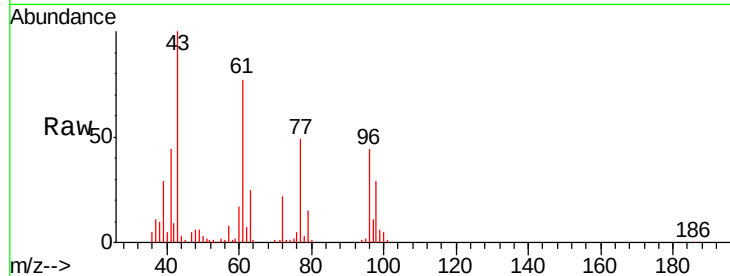
VN1120WBSD01

Tgt Ion: 43 Resp: 129051

Ion Ratio Lower Upper

43 100

72 21.9 18.6 27.8



#26

2,2-Dichloropropane

Concen: 18.28 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN052405.D

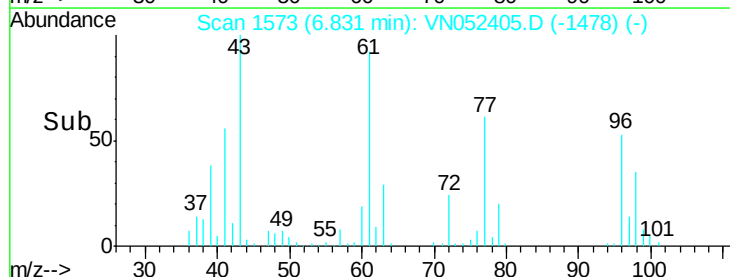
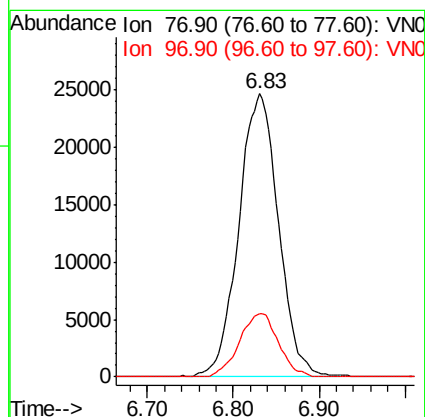
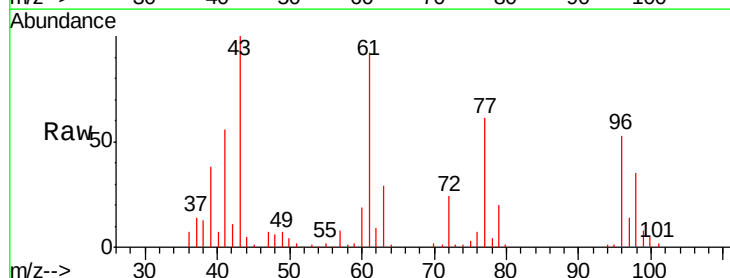
Acq: 20 Nov 2018 14:12

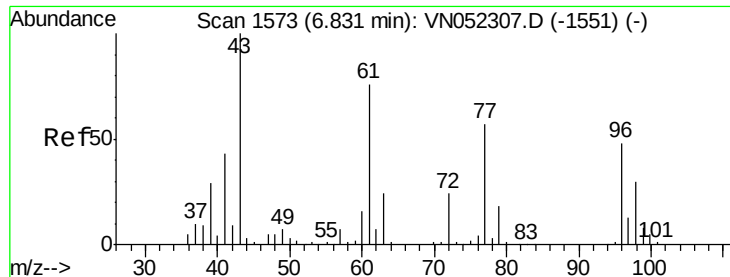
Tgt Ion: 77 Resp: 79030

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.09 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

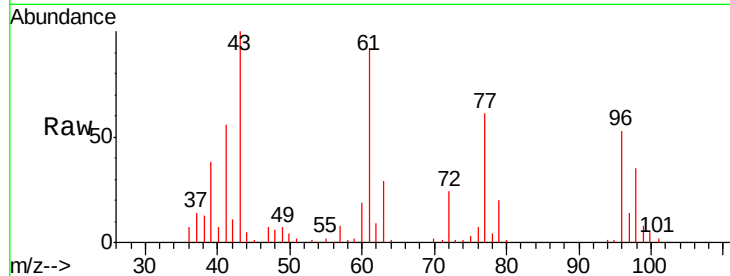
Tgt Ion: 96 Resp: 62596

Ion Ratio Lower Upper

96 100

61 171.2 0.0 316.8

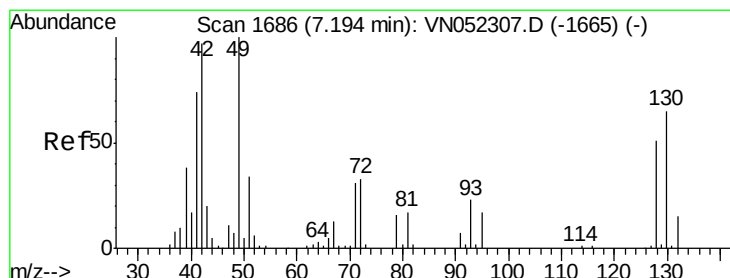
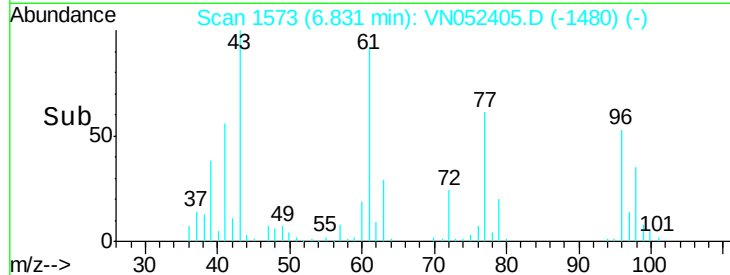
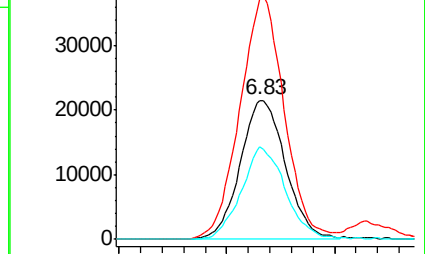
98 64.6 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN052405.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052405.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052405.D (-1480) (-)



#28

Bromochloromethane

Concen: 21.90 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

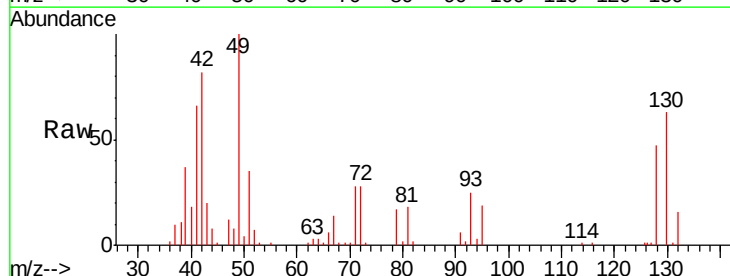
Tgt Ion: 49 Resp: 66210

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.0

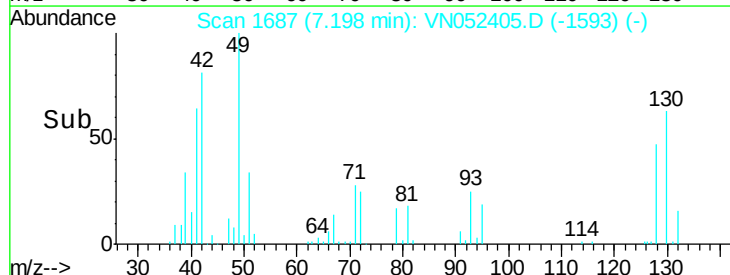
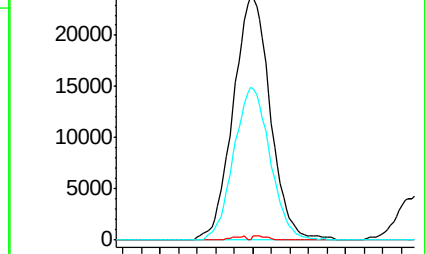
130 61.3 50.4 75.6

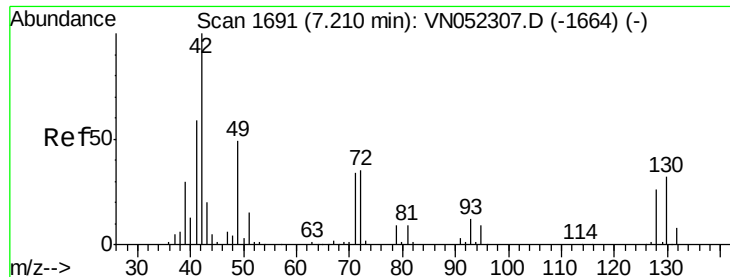


Abundance Ion 48.90 (48.60 to 49.60): VN052405.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052405.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052405.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 92.51 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

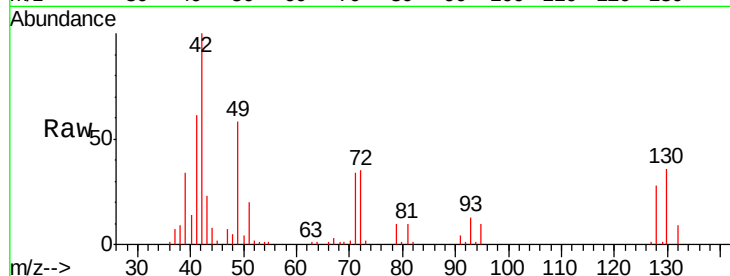
Tgt Ion: 42 Resp: 84565

Ion Ratio Lower Upper

42 100

72 34.8 28.6 42.8

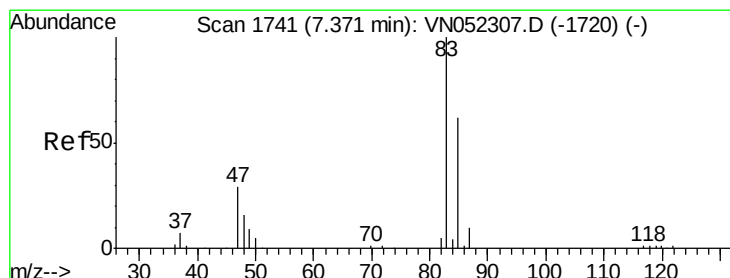
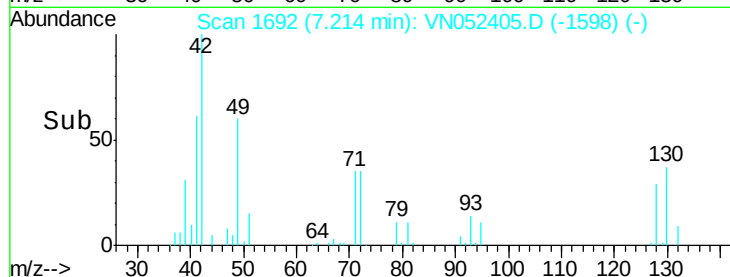
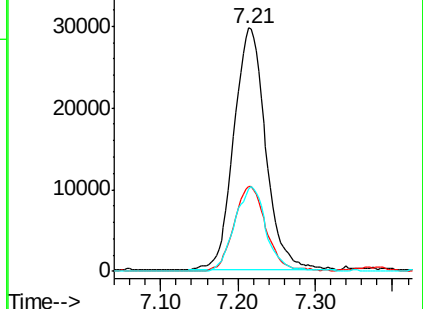
71 34.5 26.7 40.1



Abundance Ion 42.00 (41.70 to 42.70): VN052307.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN052307.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN052307.D (-1664) (-)



#30

Chloroform

Concen: 21.28 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052405.D

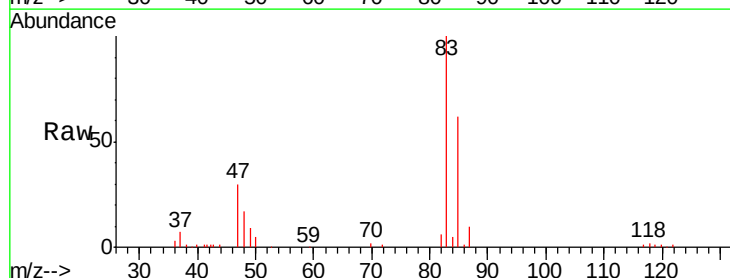
Acq: 20 Nov 2018 14:12

Tgt Ion: 83 Resp: 119209

Ion Ratio Lower Upper

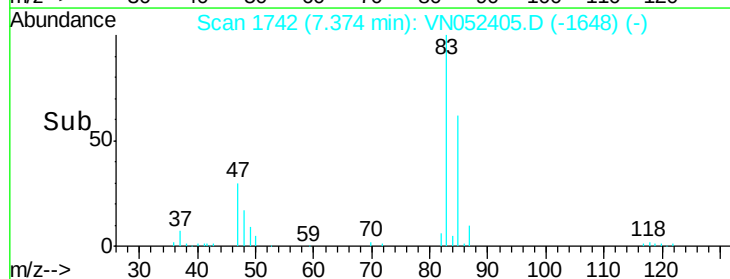
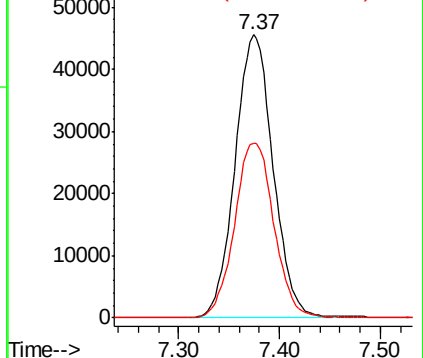
83 100

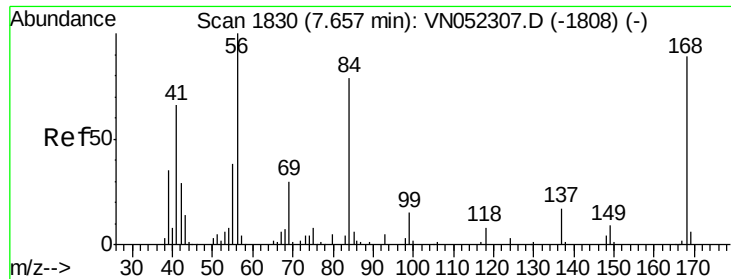
85 61.8 49.4 74.2



Abundance Ion 82.90 (82.60 to 83.60): VN052307.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN052307.D (-1720) (-)

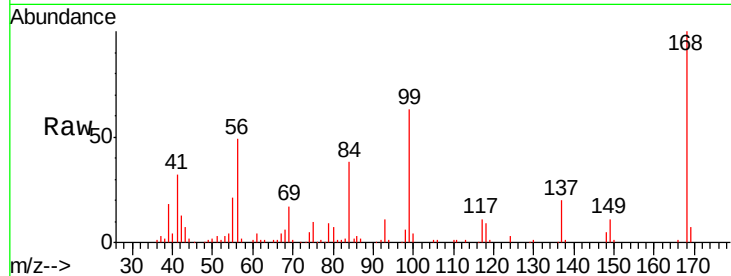




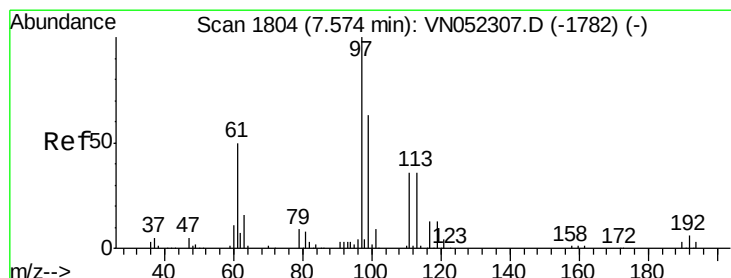
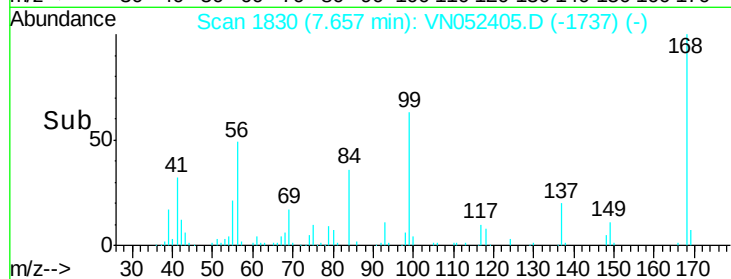
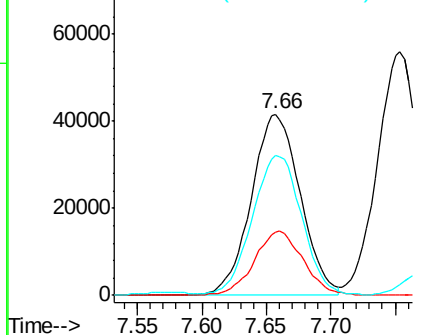
#31
Cyclohexane
Concen: 19.50 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampled :
VN1120WBSD01

Tgt Ion: 56 Resp: 109964
Ion Ratio Lower Upper
56 100
69 34.8 23.8 35.8
84 75.8 63.0 94.6

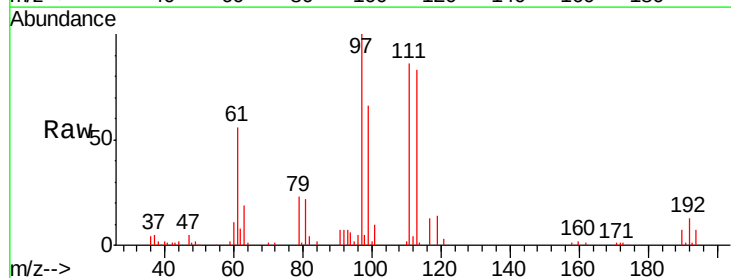


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

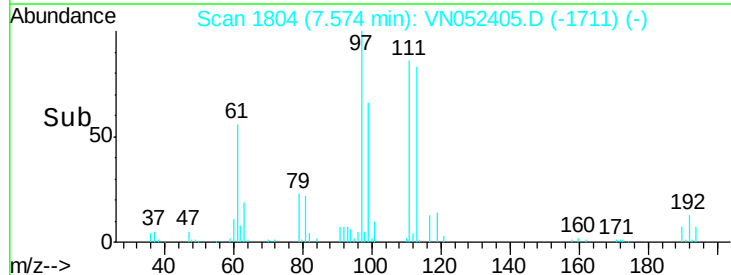
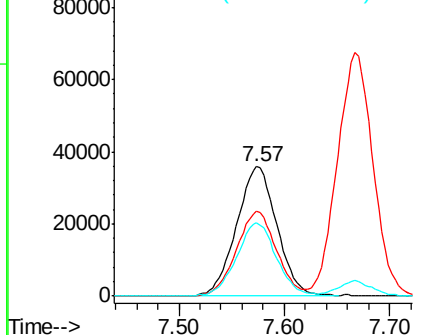


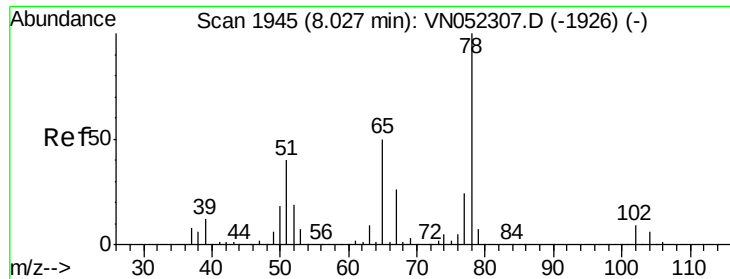
#32
1,1,1-Trichloroethane
Concen: 20.02 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 97 Resp: 95561
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.2
61 56.0 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

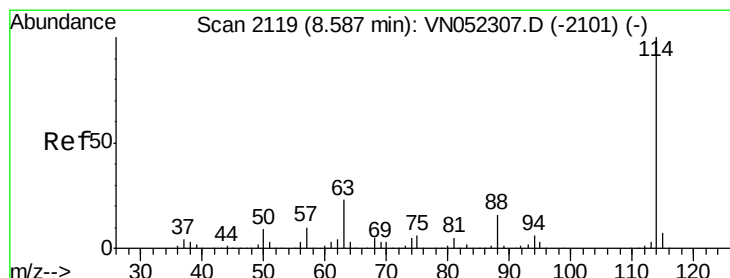
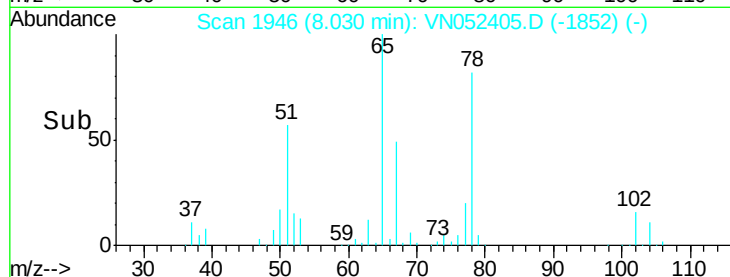
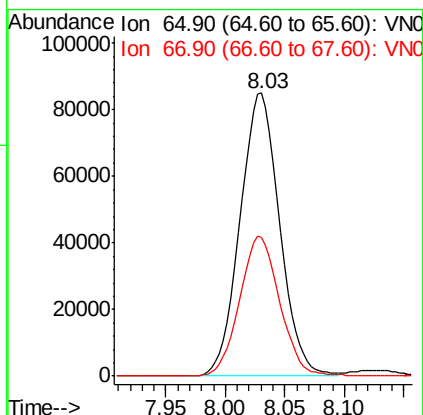
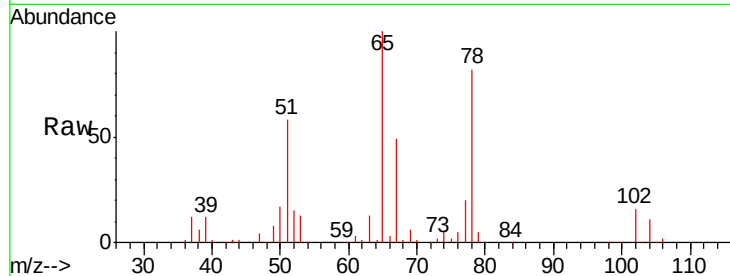




#33
 1,2-Dichloroethane-d4
 Concen: 20.02 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

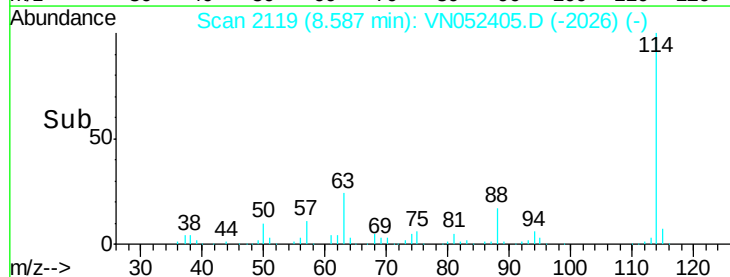
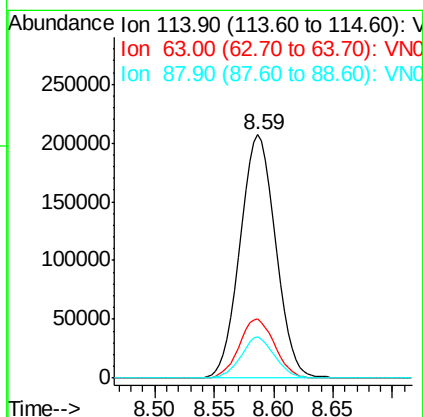
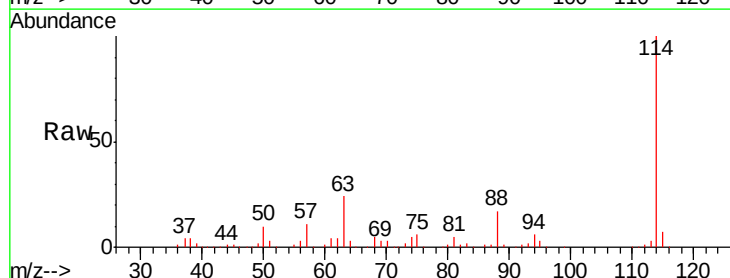
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

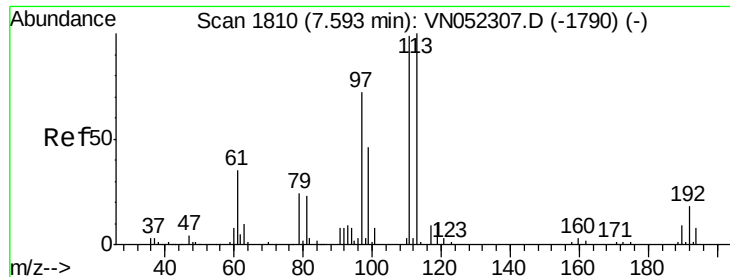
Tgt Ion: 65 Resp: 196185
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 114 Resp: 429559
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.4
 88 16.9 0.0 31.2

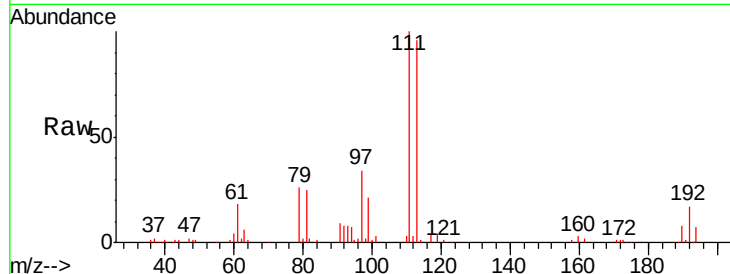




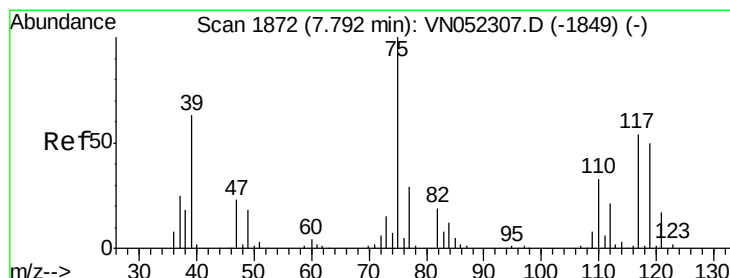
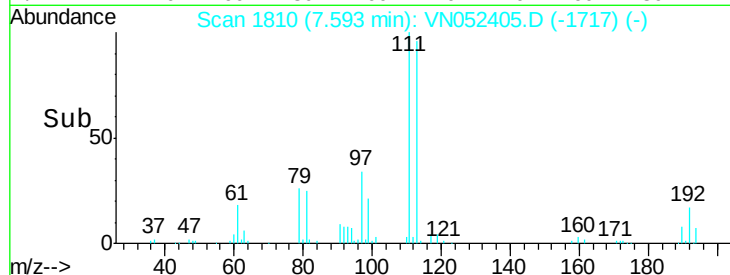
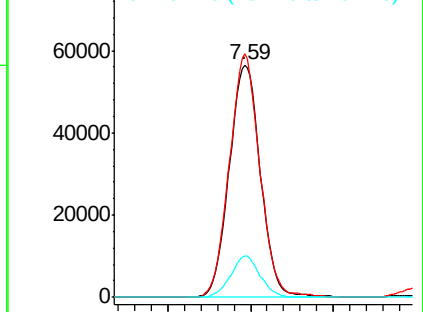
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion: 113 Resp: 148313
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 16.8 13.8 20.6

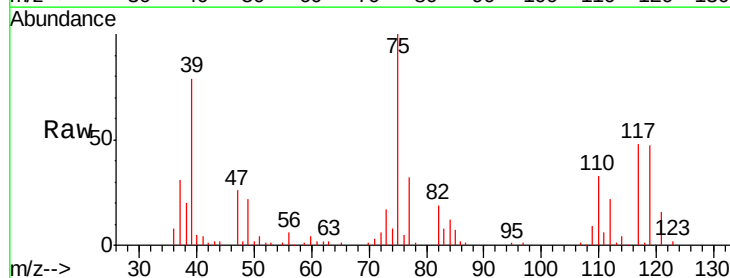


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

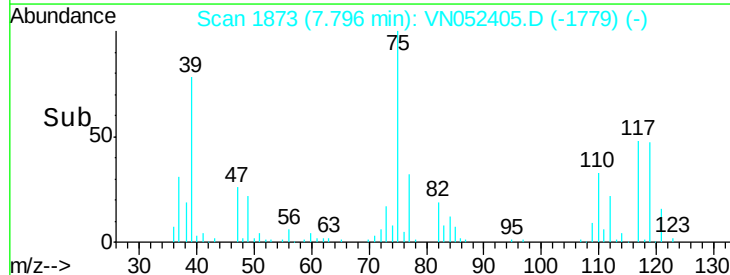
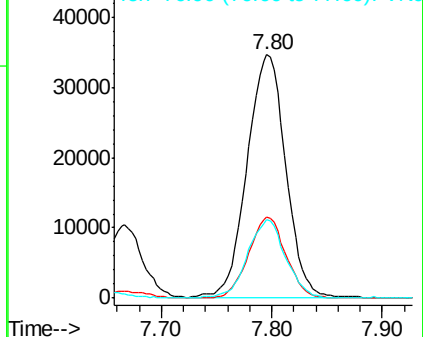


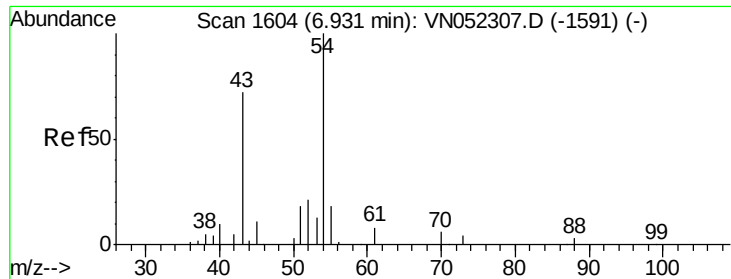
#36
 1,1-Dichloropropene
 Concen: 19.59 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 75 Resp: 84351
 Ion Ratio Lower Upper
 75 100
 110 32.0 16.5 49.5
 77 31.7 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

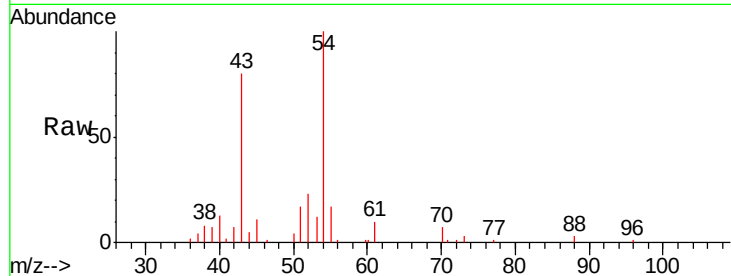




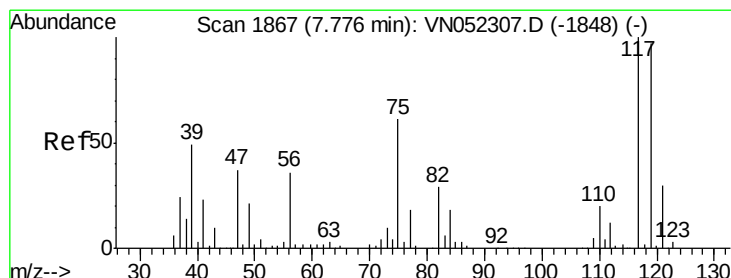
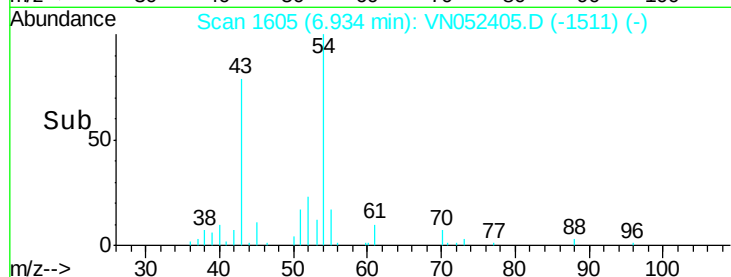
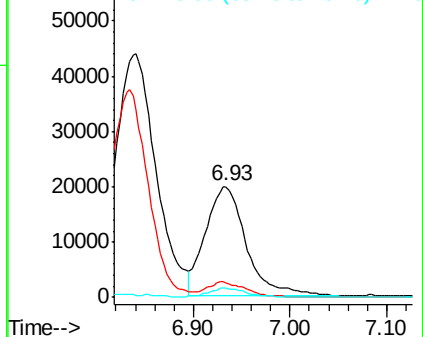
#37
Ethyl Acetate
 Concen: 18.49 ug/l
 RT: 6.93 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion: 43 Resp: 57764
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.3 15.5
 70 7.9 5.6 8.4

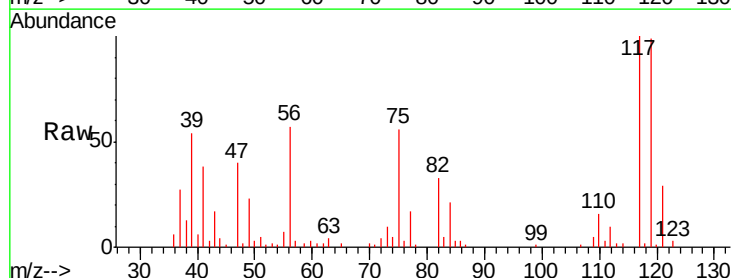


Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1591) (-)
 Ion 60.90 (60.60 to 61.60): VN052307.D (-1591) (-)
 Ion 70.00 (69.70 to 70.70): VN052307.D (-1591) (-)

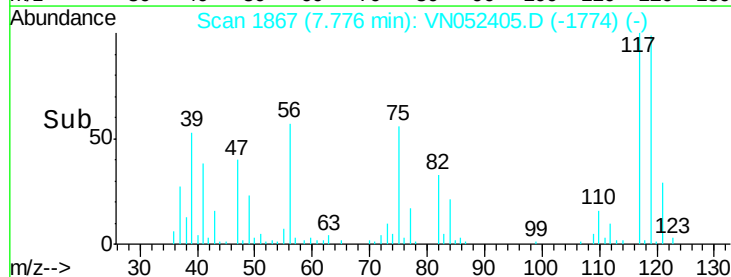
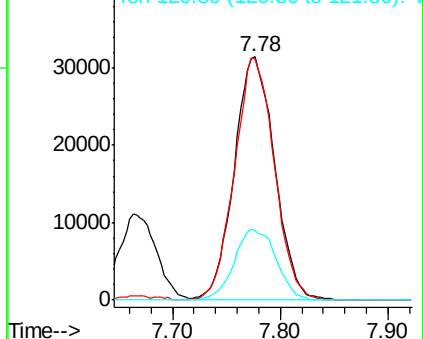


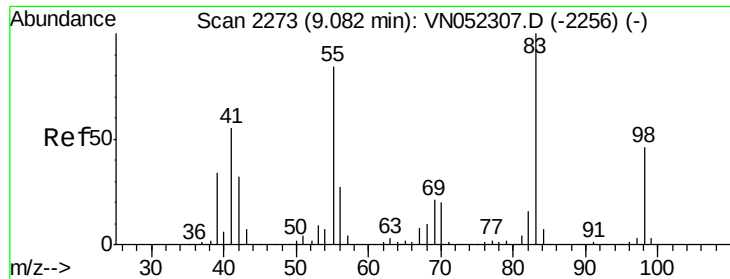
#38
Carbon Tetrachloride
 Concen: 20.77 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 117 Resp: 82160
 Ion Ratio Lower Upper
 117 100
 119 98.8 77.4 116.0
 121 28.6 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN052307.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN052307.D (-1848) (-)

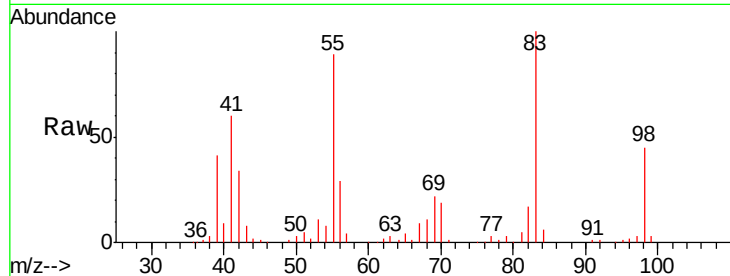




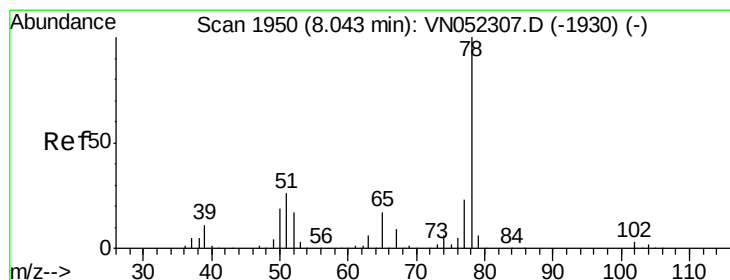
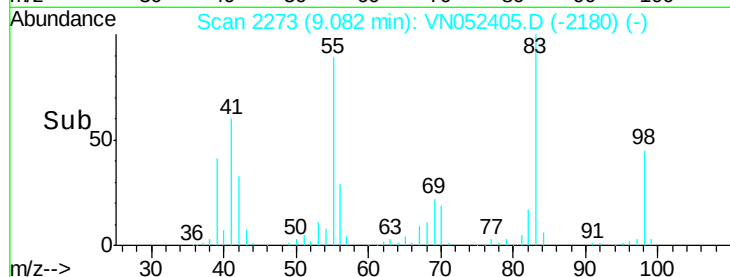
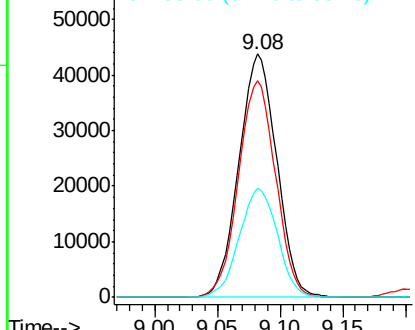
#39
Methylcyclohexane
Concen: 18.69 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 83 Resp: 91867
Ion Ratio Lower Upper
83 100
55 89.0 66.8 100.2
98 45.1 36.4 54.6

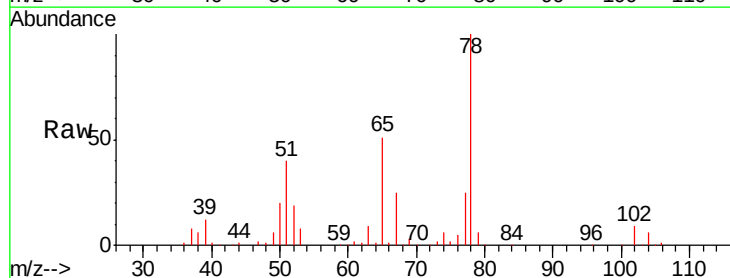


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

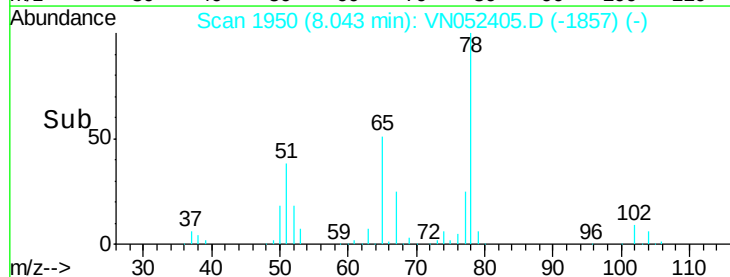
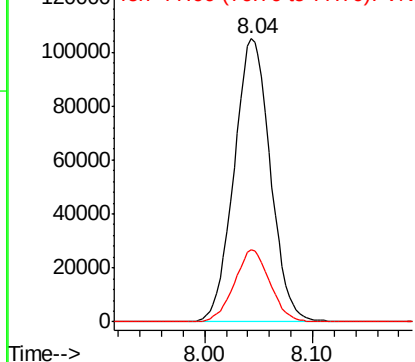


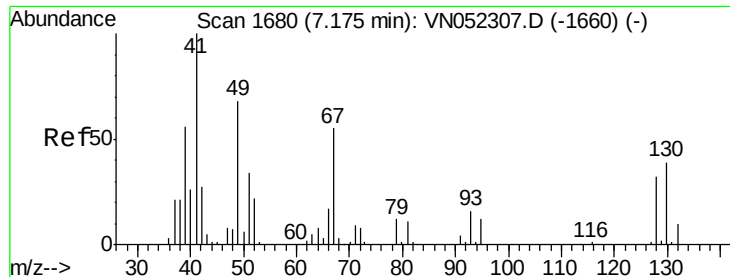
#40
Benzene
Concen: 19.95 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion: 78 Resp: 245327
Ion Ratio Lower Upper
78 100
77 25.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 19.84 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion: 41 Resp: 30248

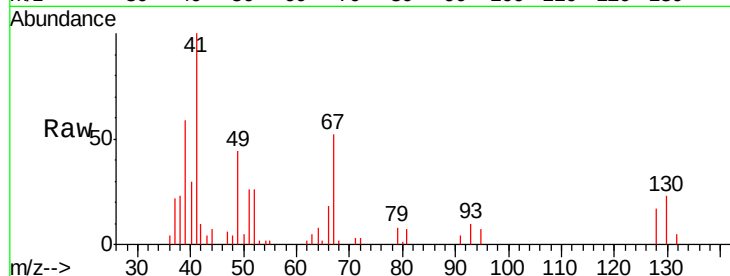
Ion Ratio Lower Upper

41 100

39 66.9 0.0 0.0#

67 76.6 0.0 0.0#

52 39.3 0.0 0.0#

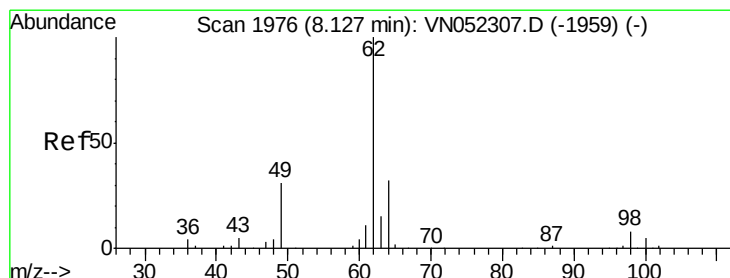
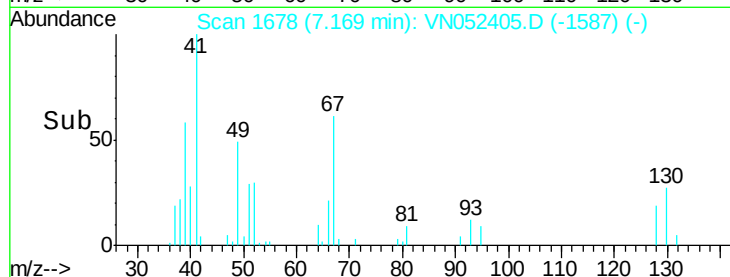
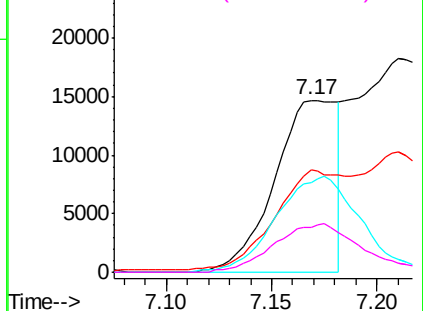


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 21.78 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN052405.D

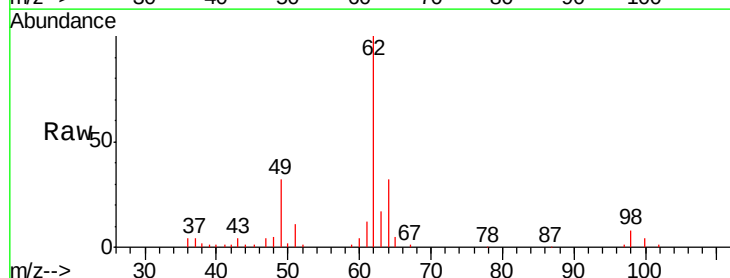
Acq: 20 Nov 2018 14:12

Tgt Ion: 62 Resp: 95534

Ion Ratio Lower Upper

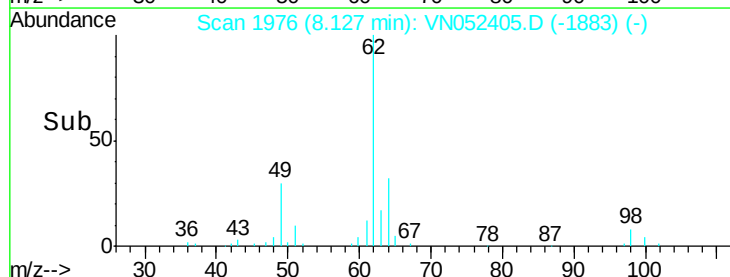
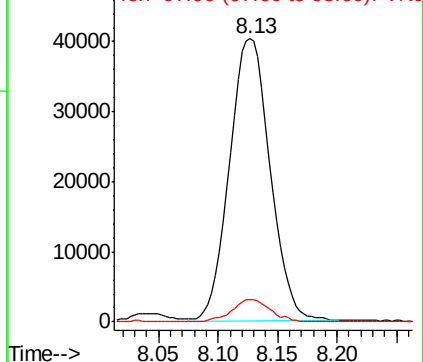
62 100

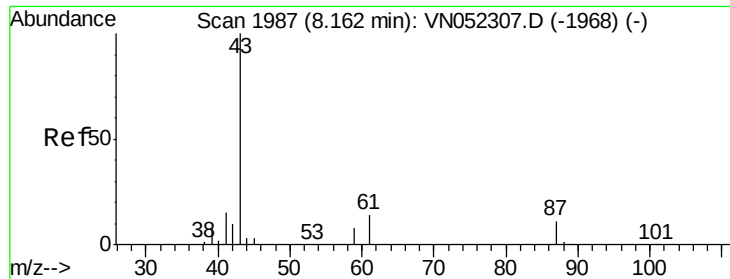
98 7.4 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.31 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

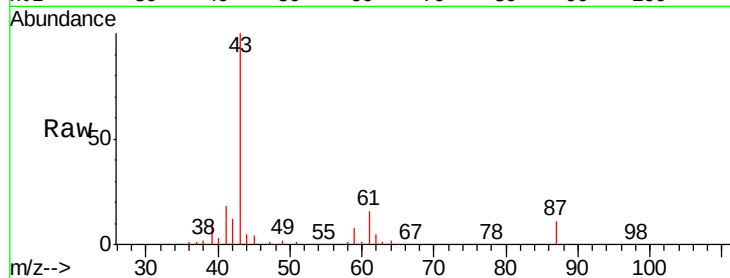
Tgt Ion: 43 Resp: 104379

Ion Ratio Lower Upper

43 100

61 15.7 12.0 18.0

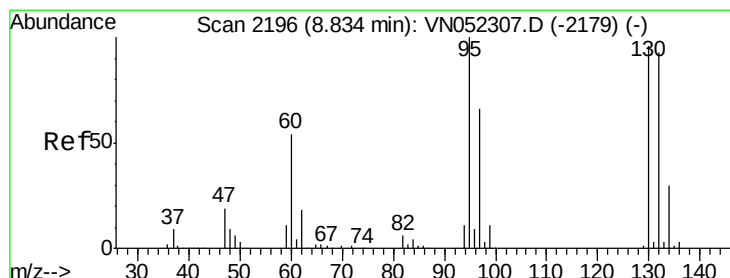
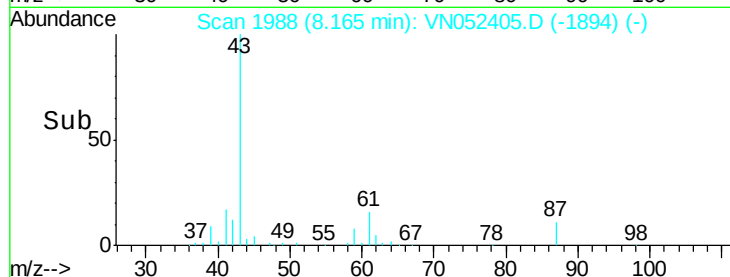
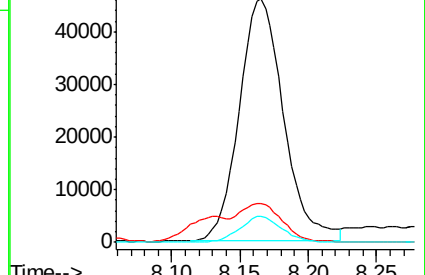
87 9.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#44

Trichloroethene

Concen: 20.28 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052405.D

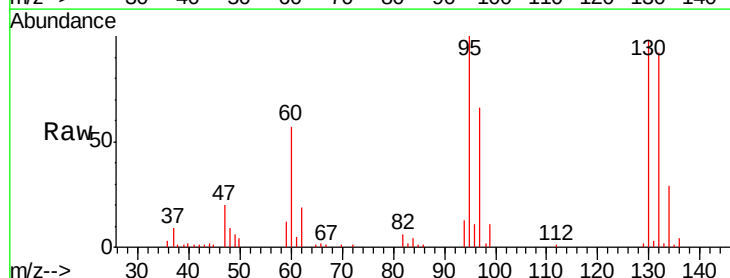
Acq: 20 Nov 2018 14:12

Tgt Ion:130 Resp: 61448

Ion Ratio Lower Upper

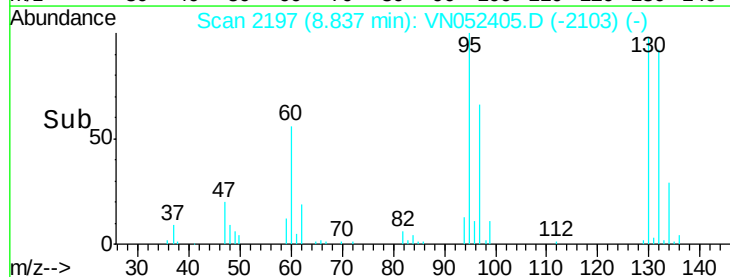
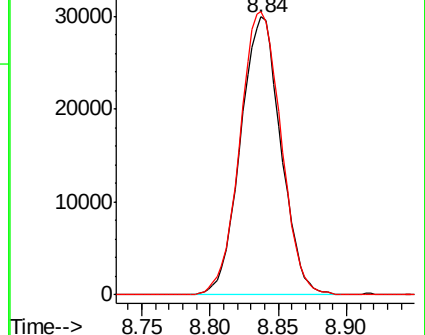
130 100

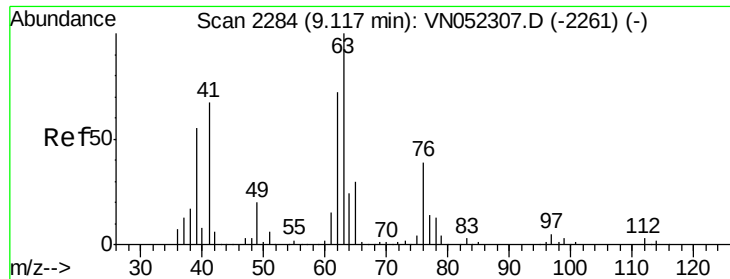
95 101.8 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

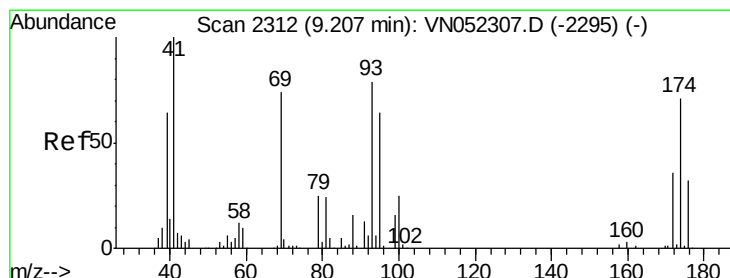
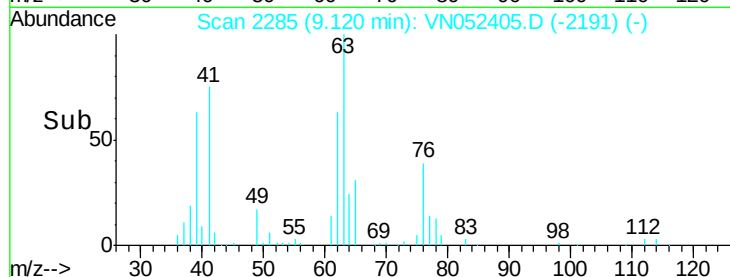
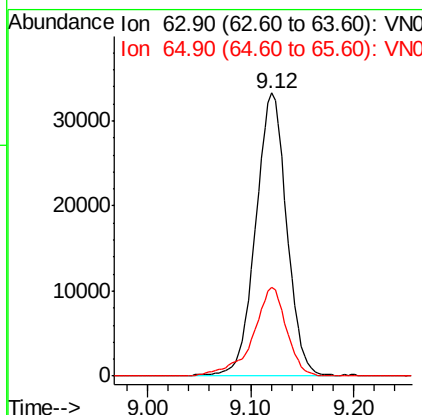
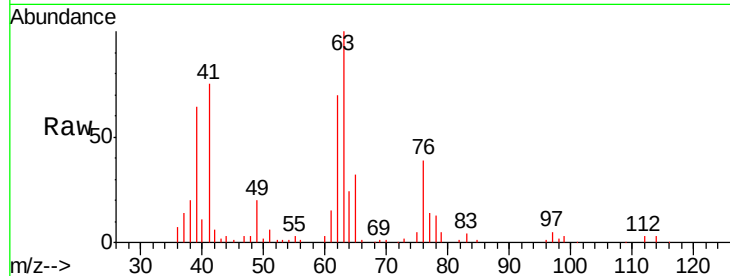




#45
 1,2-Dichloropropane
 Concen: 19.90 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

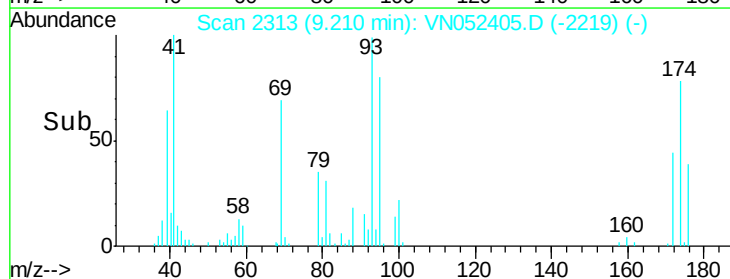
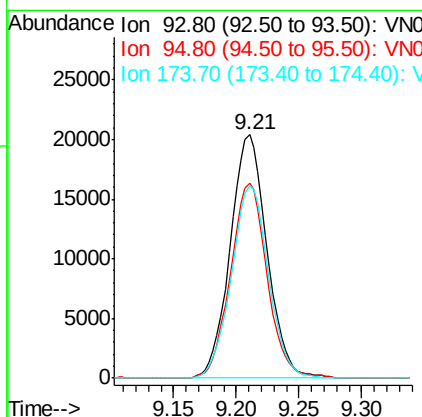
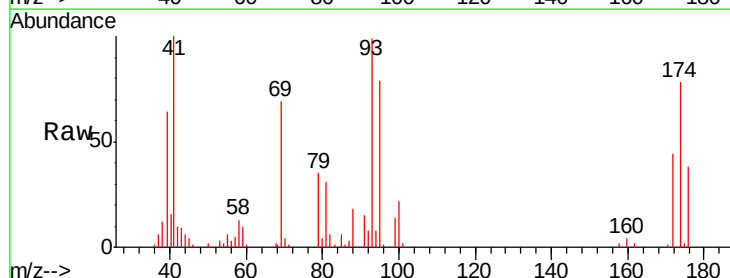
Instrument :
 MSVOA_N
 ClientSampled :
 VN1120WBSD01

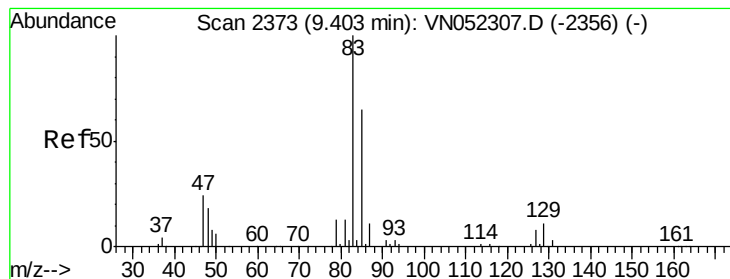
Tgt Ion: 63 Resp: 69471
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.2 36.4



#46
 Dibromomethane
 Concen: 20.58 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 93 Resp: 41588
 Ion Ratio Lower Upper
 93 100
 95 79.7 64.2 96.2
 174 79.6 70.9 106.3





#47

Bromodichloromethane

Concen: 21.45 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

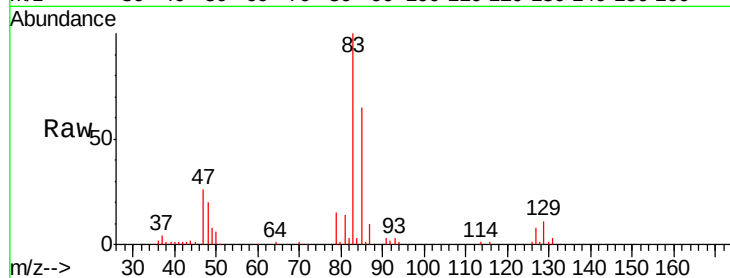
Tgt Ion: 83 Resp: 88949

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

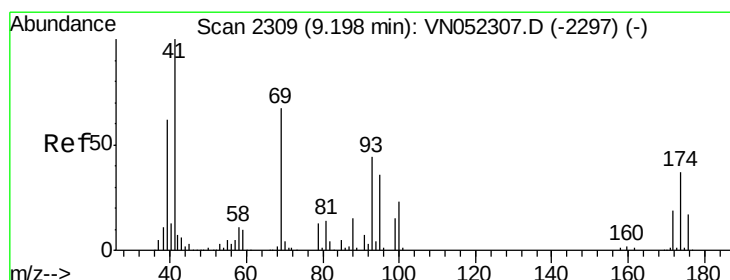
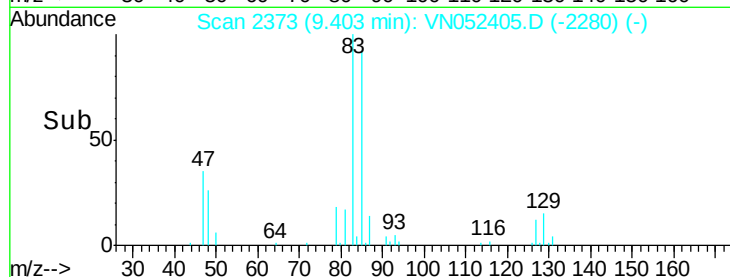
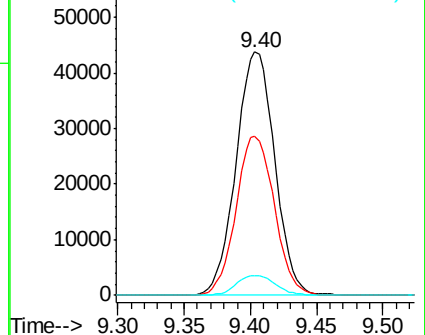
127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN052405.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052405.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052405.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.25 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

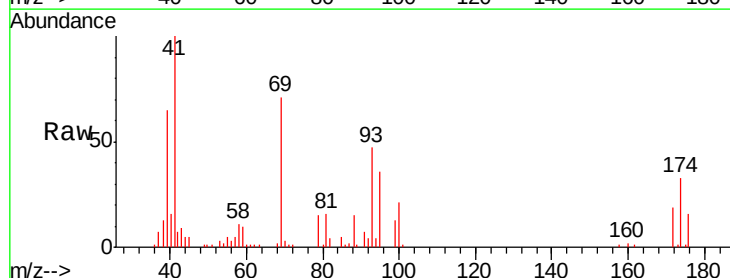
Tgt Ion: 41 Resp: 52790

Ion Ratio Lower Upper

41 100

69 72.8 57.1 85.7

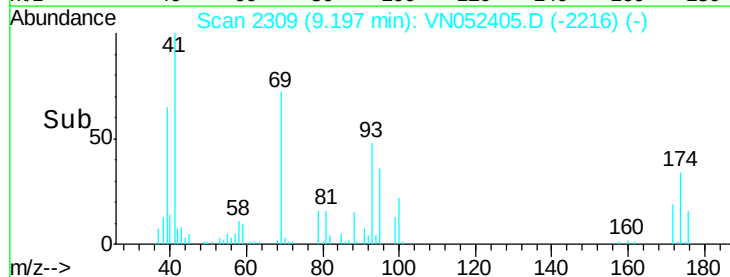
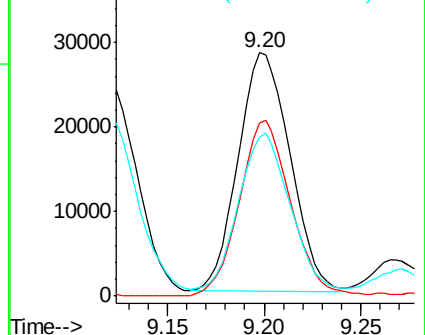
39 67.7 52.5 78.7

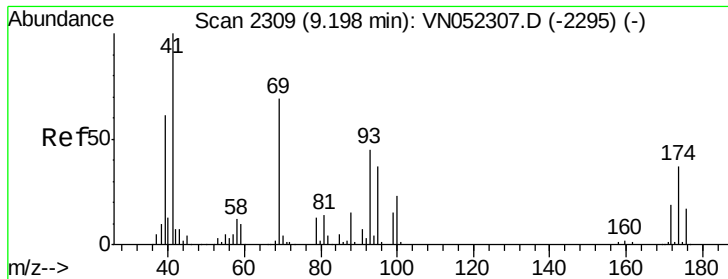


Abundance Ion 41.00 (40.70 to 41.70): VN052405.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052405.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052405.D (-2216) (-)

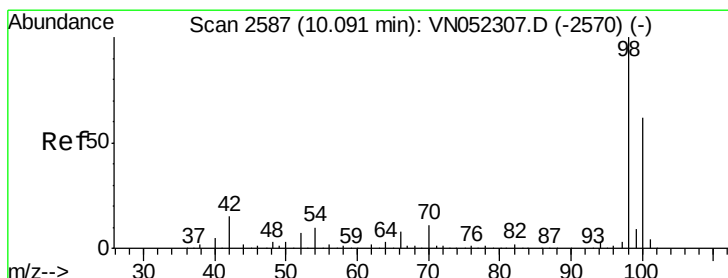
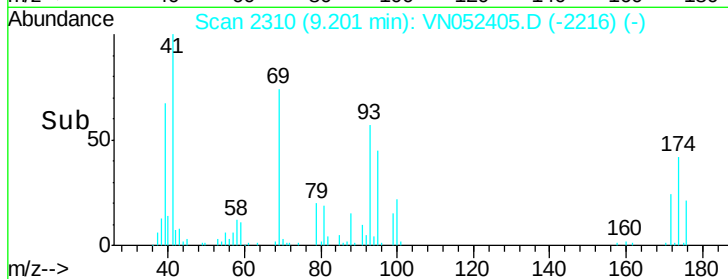
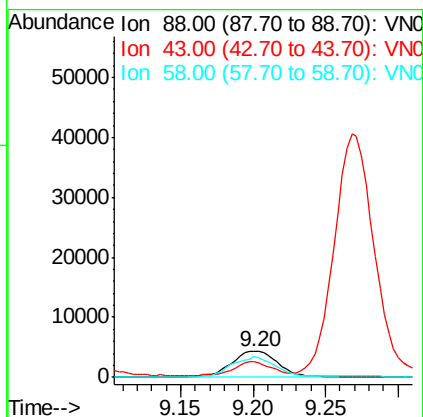
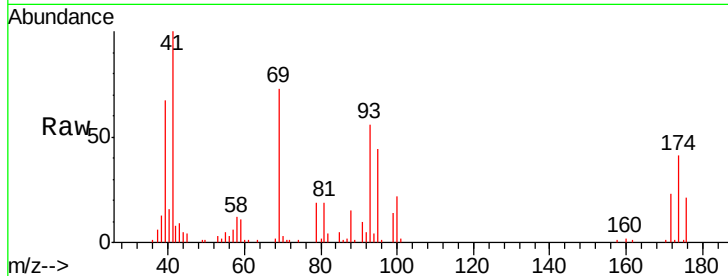




#49
 1,4-Dioxane
 Concen: 417.82 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

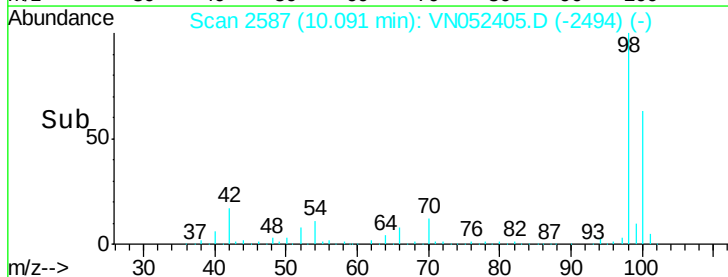
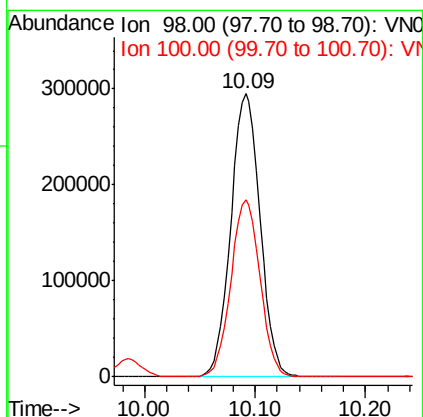
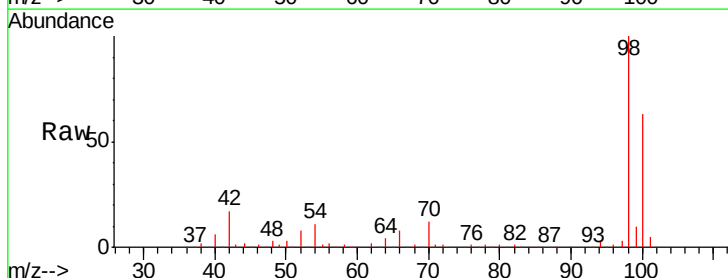
Instrument :
 MSVOA_N
 ClientSampled :
 VN1120WBSD01

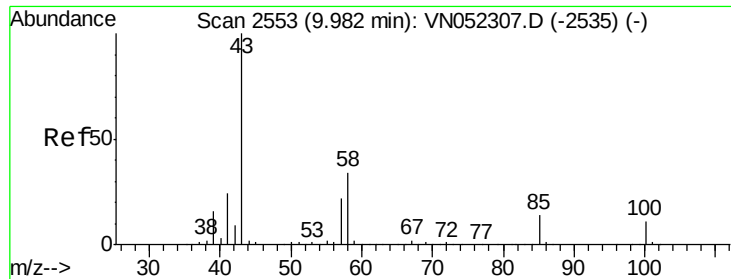
Tgt Ion: 88 Resp: 9813
 Ion Ratio Lower Upper
 88 100
 43 45.5 33.3 49.9
 58 73.9 59.2 88.8



#50
 Toluene-d8
 Concen: 417.82 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 98 Resp: 543541
 Ion Ratio Lower Upper
 98 100
 100 62.1 49.5 74.3

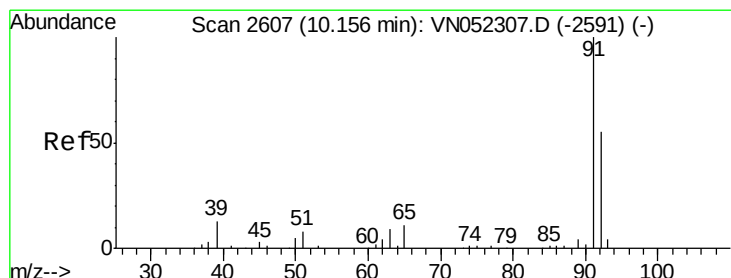
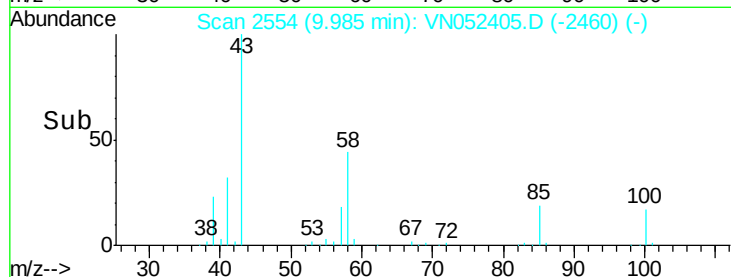
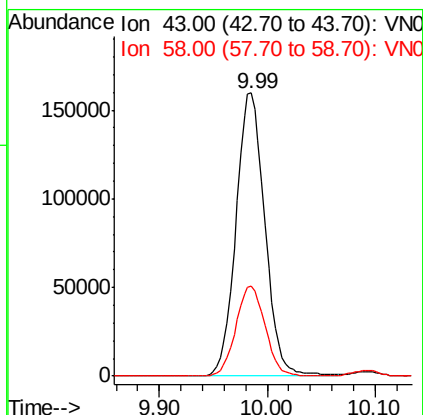
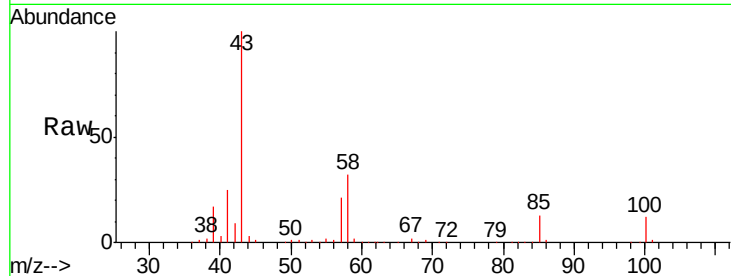




#51
 4-Methyl-2-Pentanone
 Concen: 97.73 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

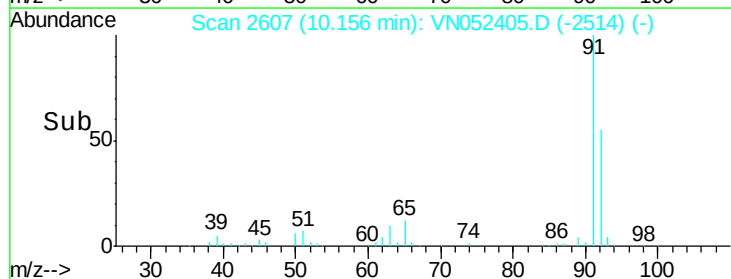
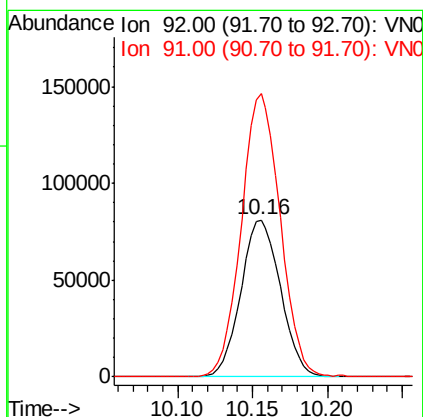
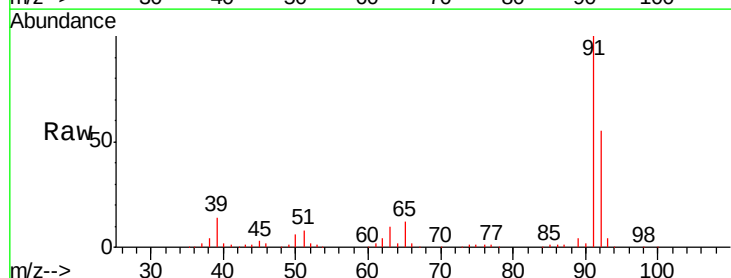
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

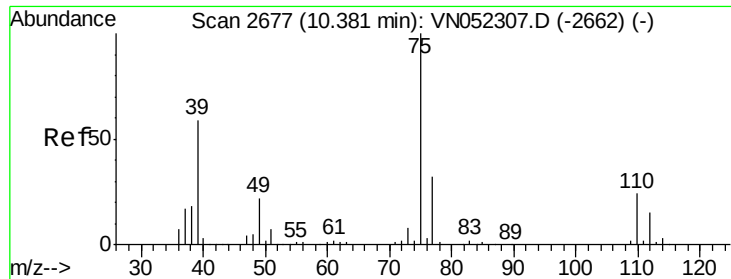
Tgt Ion: 43 Resp: 296622
 Ion Ratio Lower Upper
 43 100
 58 32.4 27.0 40.6



#52
 Toluene
 Concen: 20.30 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 92 Resp: 149386
 Ion Ratio Lower Upper
 92 100
 91 177.2 143.6 215.4

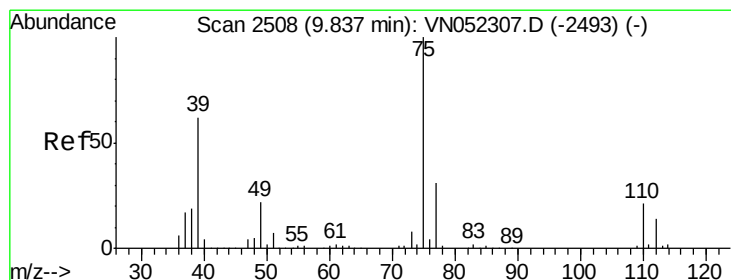
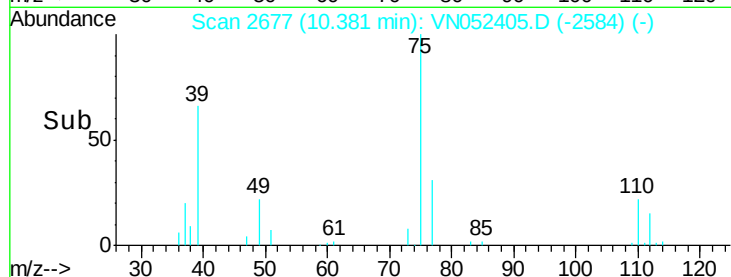
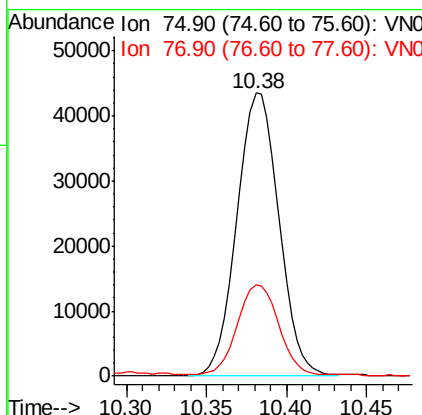
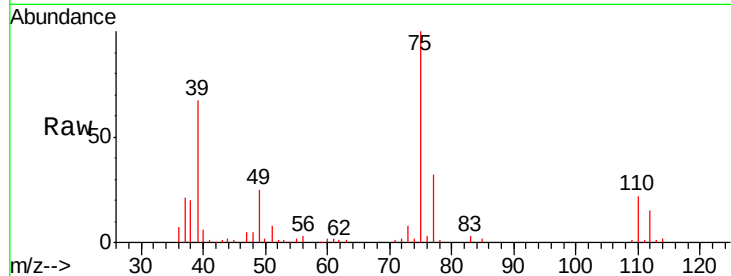




#53
 t-1,3-Dichloropropene
 Concen: 18.71 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

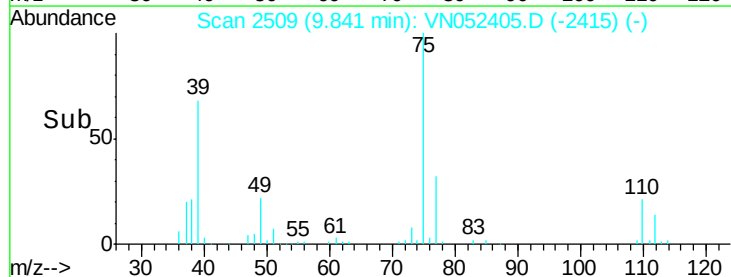
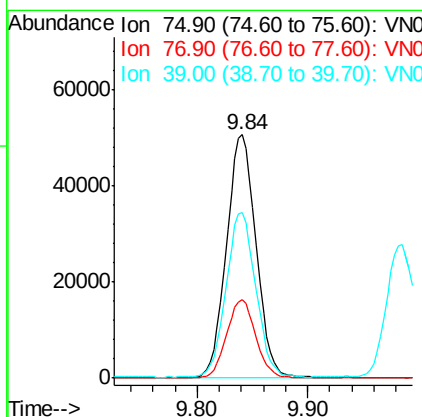
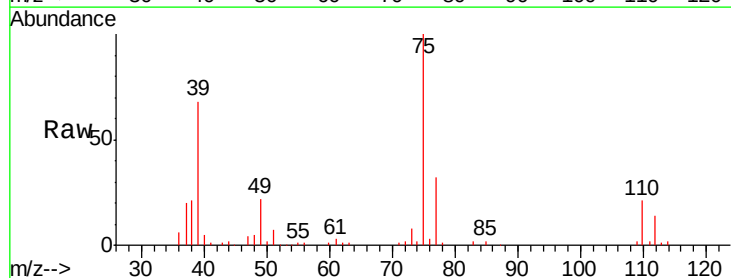
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

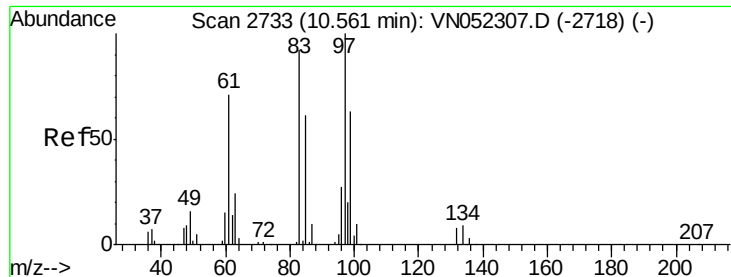
Tgt Ion: 75 Resp: 78235
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.81 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 75 Resp: 94449
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 67.5 49.9 74.9

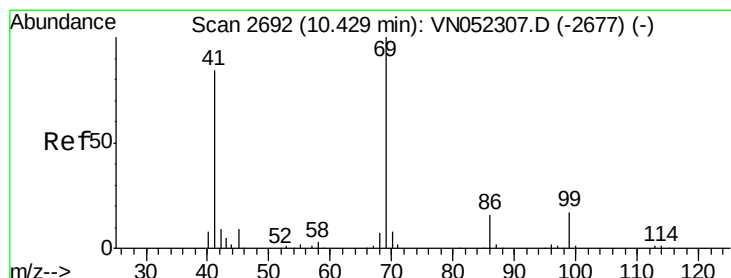
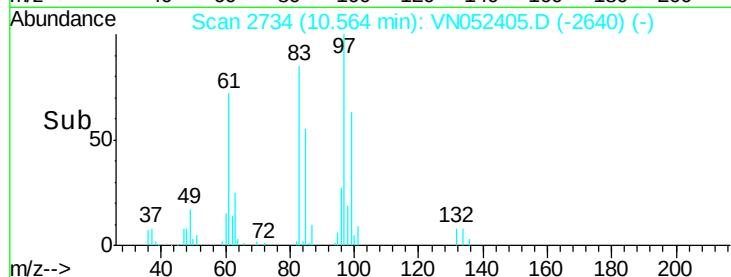
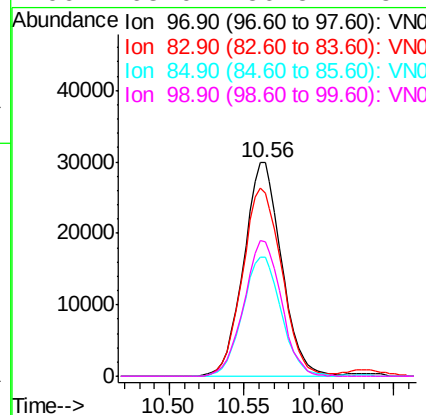
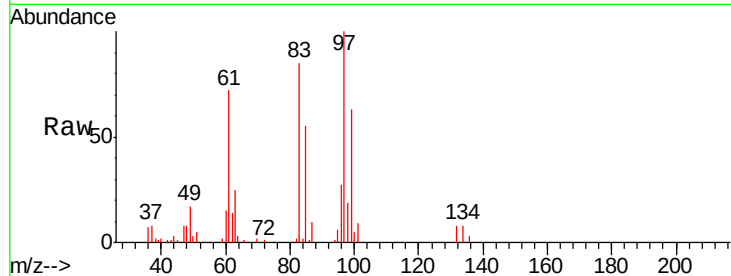




#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

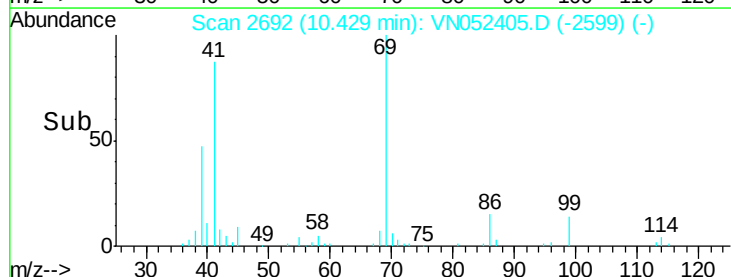
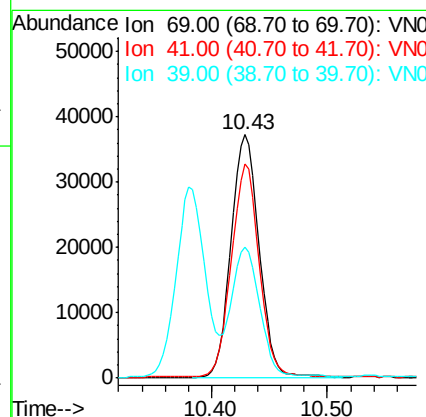
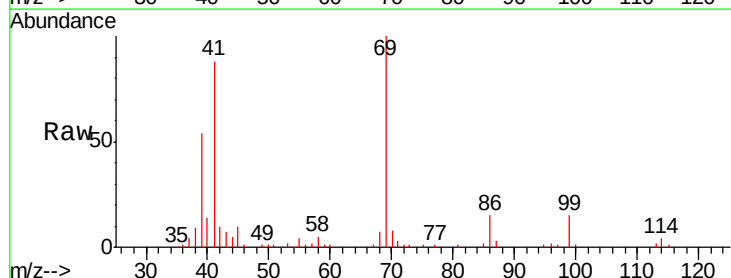
Instrument :
 MSVOA_N
 ClientSampled :
 VN1120WBSD01

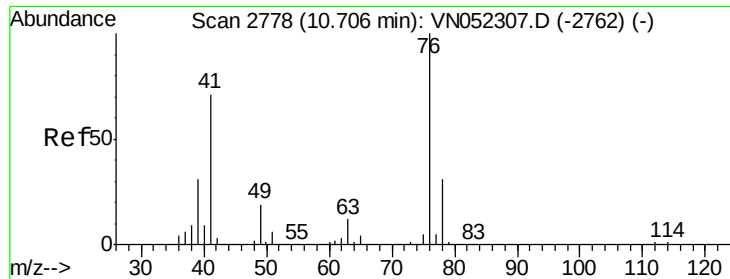
Tgt Ion: 97 Resp: 52772
 Ion Ratio Lower Upper
 97 100
 83 85.5 73.8 110.6
 85 55.5 49.0 73.4
 99 63.0 50.5 75.7



#56
 Ethyl methacrylate
 Concen: 17.89 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 69 Resp: 62748
 Ion Ratio Lower Upper
 69 100
 41 85.8 64.8 97.2
 39 55.1 41.0 61.6

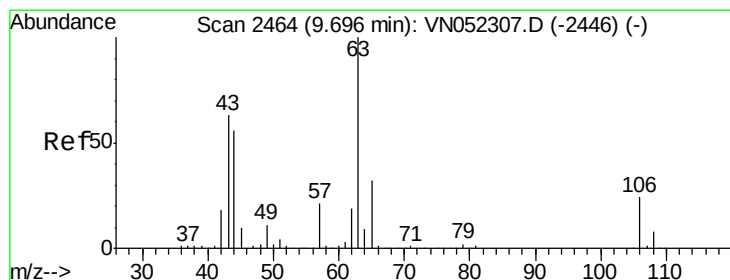
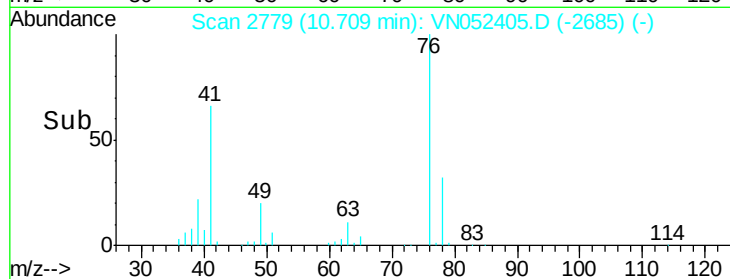
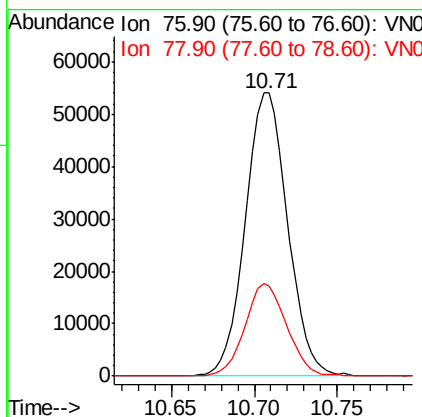
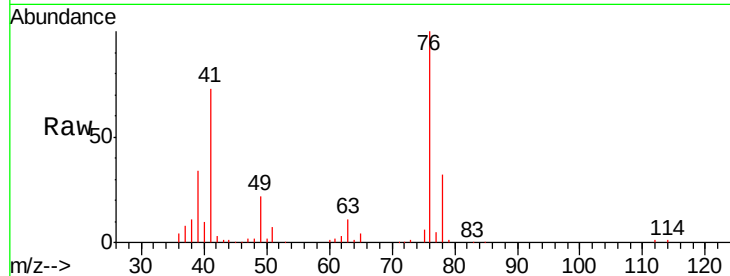




#57
 1,3-Dichloropropane
 Concen: 20.31 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

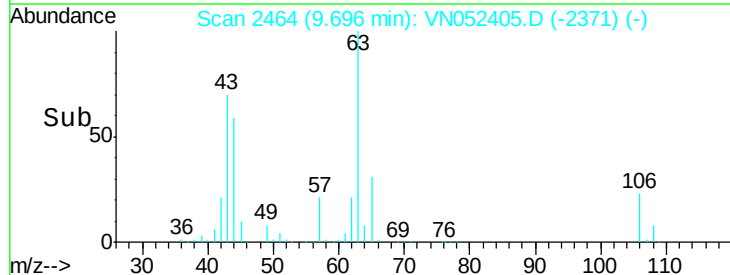
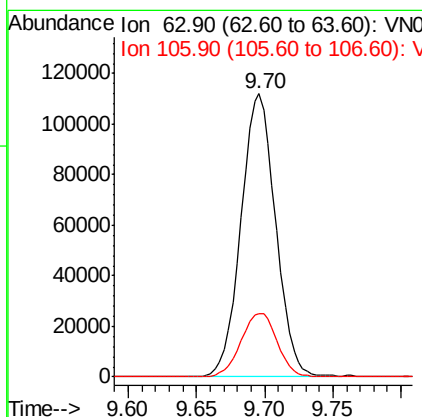
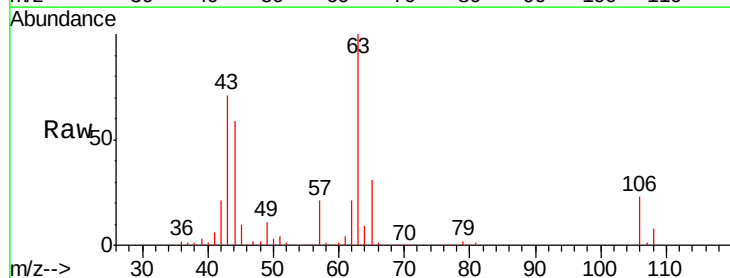
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

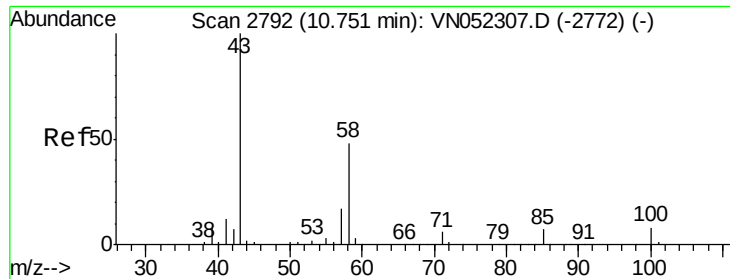
Tgt Ion: 76 Resp: 95978
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.89 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 63 Resp: 197501
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.3 28.9





#59

2-Hexanone

Concen: 91.92 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

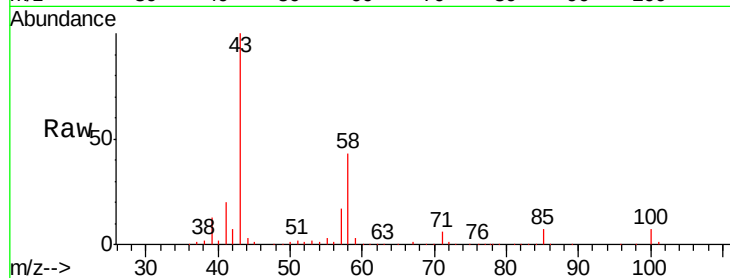
VN1120WBSD01

Tgt Ion: 43 Resp: 191886

Ion Ratio Lower Upper

43 100

58 44.7 23.5 70.6



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2772) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2772) (-)

10.75

120000

100000

80000

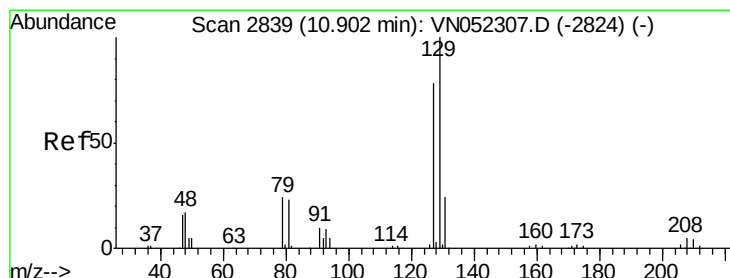
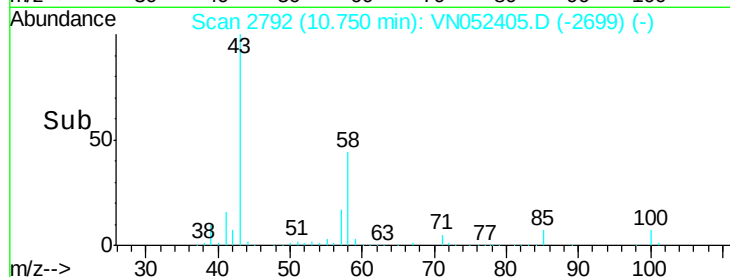
60000

40000

20000

0

Time-->



#60

Dibromochloromethane

Concen: 20.49 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN052405.D

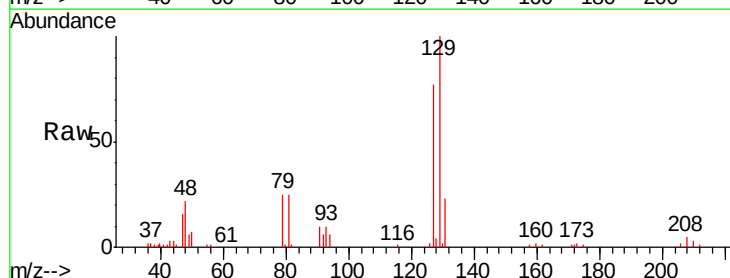
Acq: 20 Nov 2018 14:12

Tgt Ion: 129 Resp: 59129

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN052307.D (-2824) (-)

Ion 126.80 (126.50 to 127.50): VN052307.D (-2824) (-)

10.90

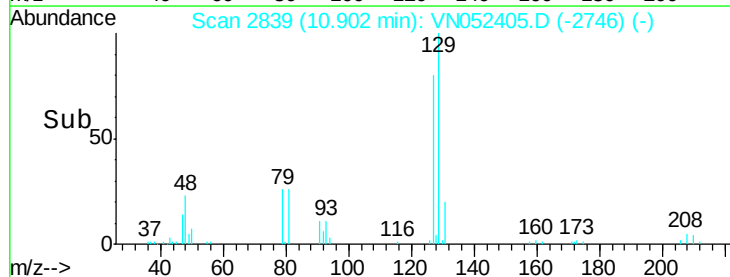
30000

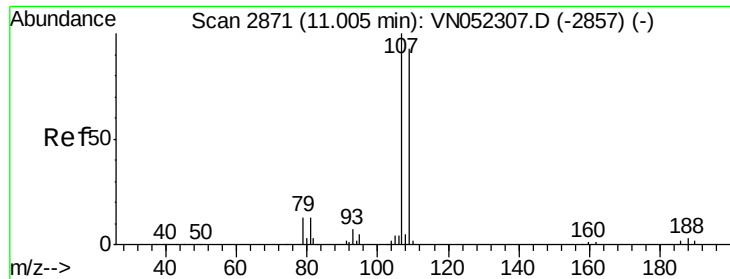
20000

10000

0

Time-->

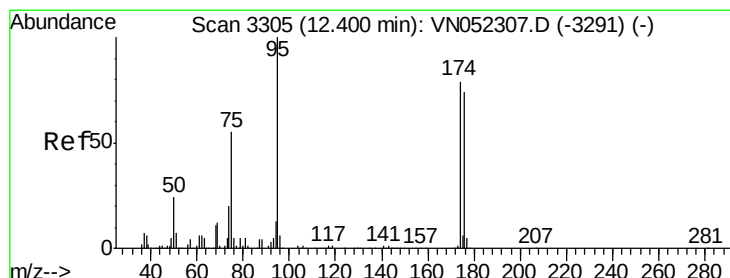
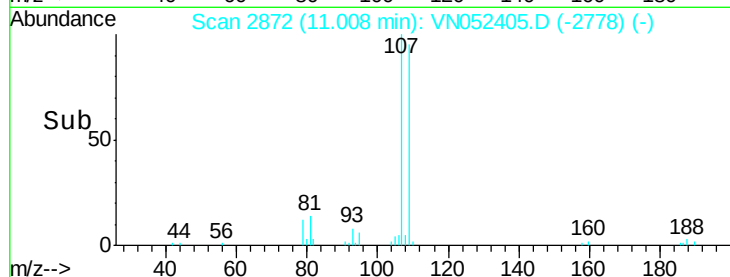
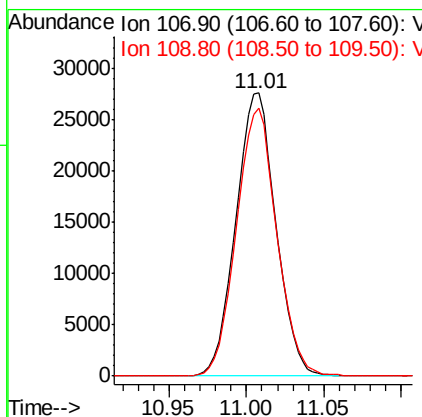
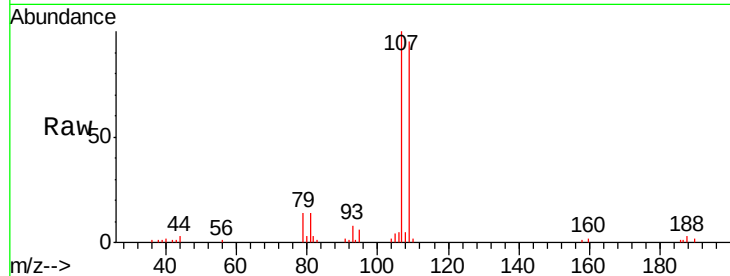




#61
 1,2-Dibromoethane
 Concen: 18.68 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

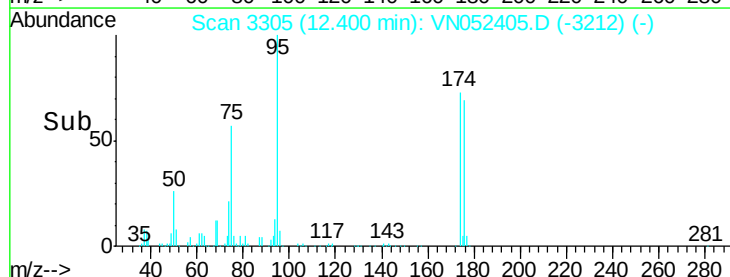
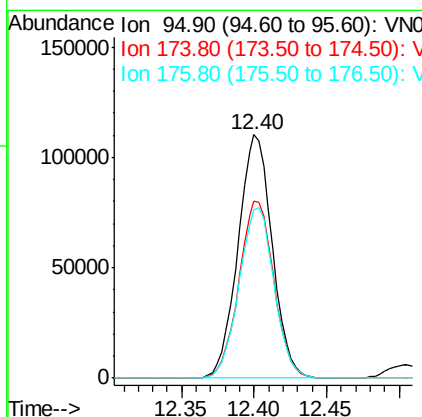
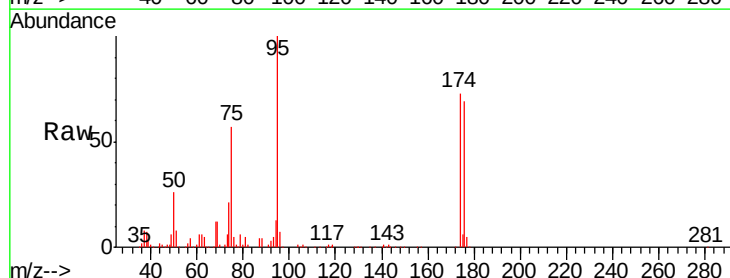
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

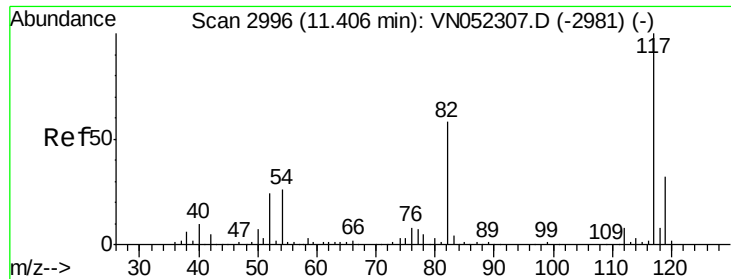
Tgt Ion: 107 Resp: 49619
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 18.68 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 95 Resp: 180164
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 156.0
 176 71.9 0.0 148.4

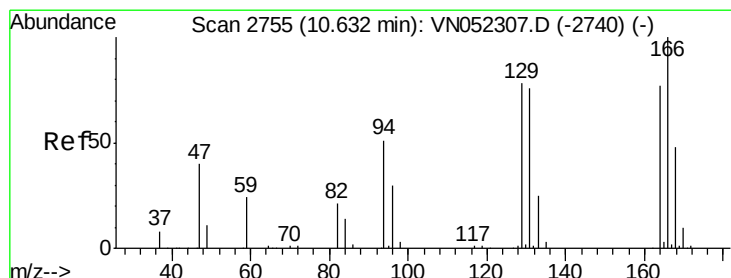
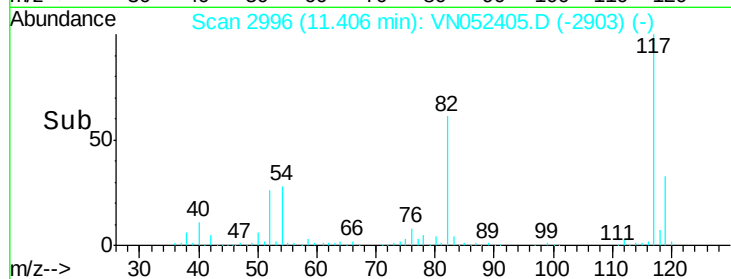
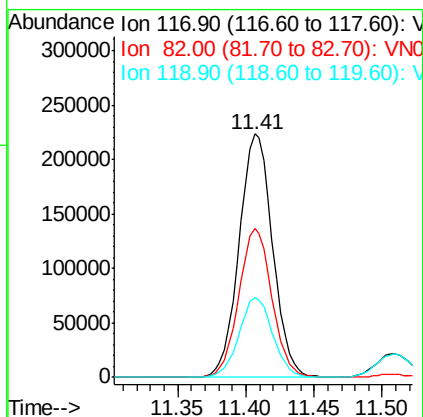
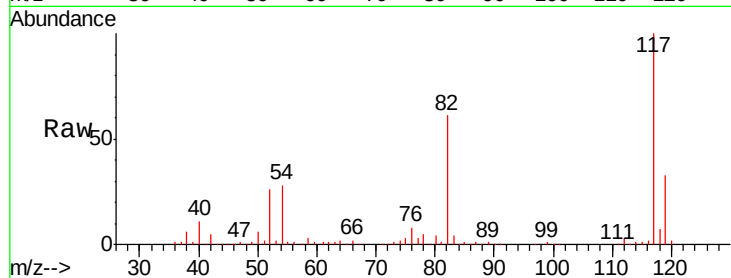




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

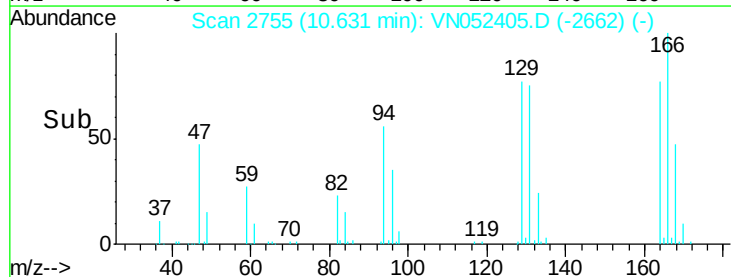
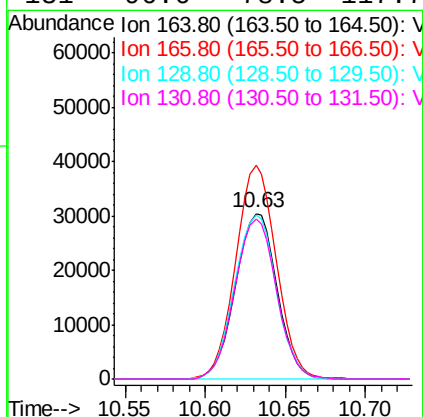
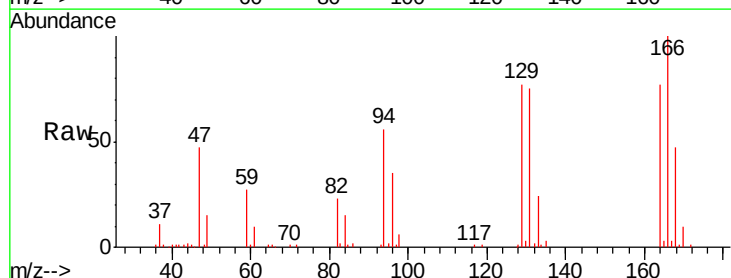
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

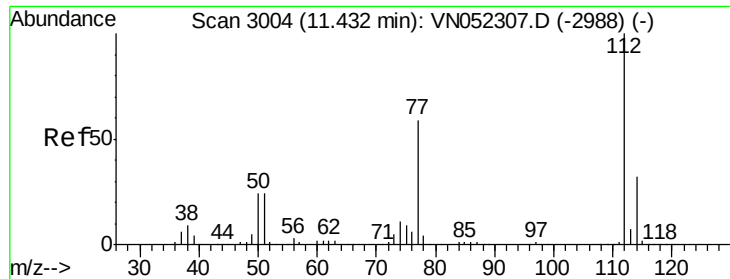
Tgt Ion:117 Resp: 380643
Ion Ratio Lower Upper
117 100
82 61.0 46.5 69.7
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 19.86 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion:164 Resp: 53756
Ion Ratio Lower Upper
164 100
166 129.1 103.8 155.6
129 98.9 80.7 121.1
131 96.6 78.5 117.7

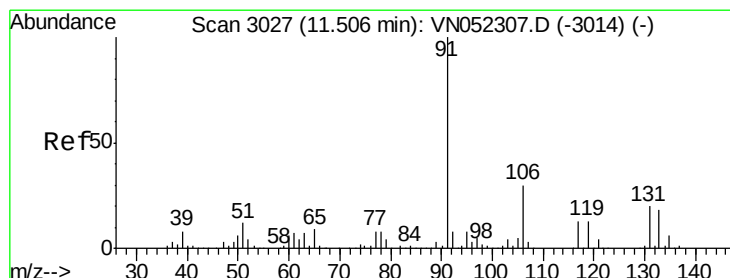
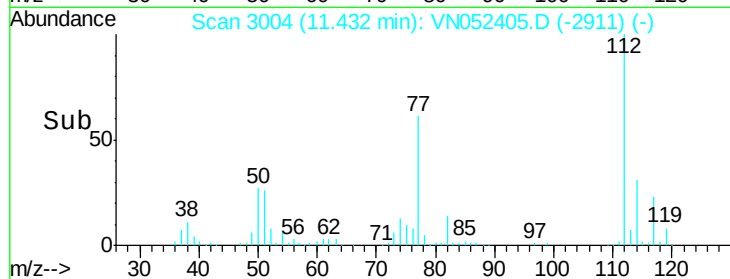
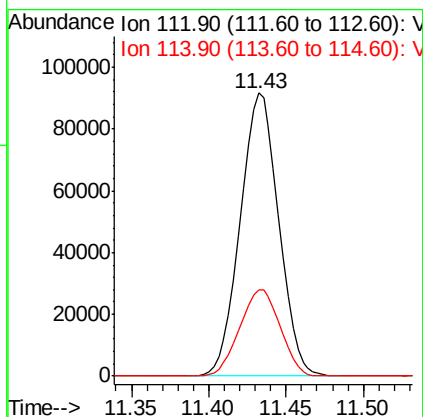
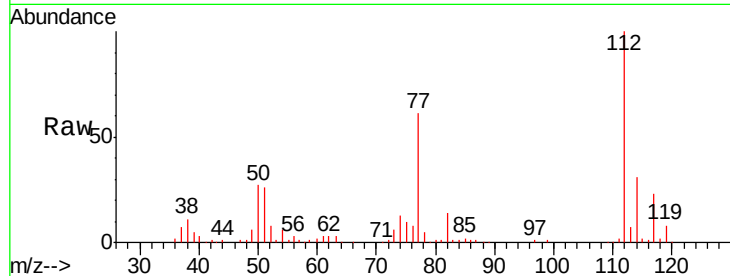




#65
Chlorobenzene
Concen: 19.74 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

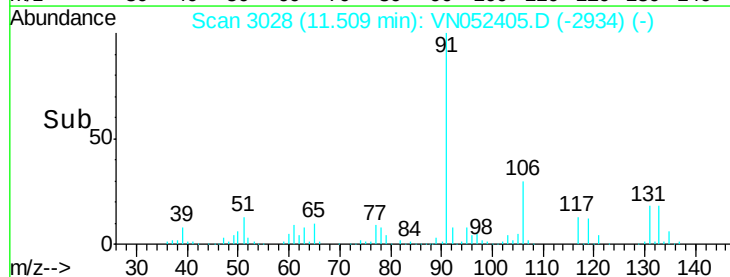
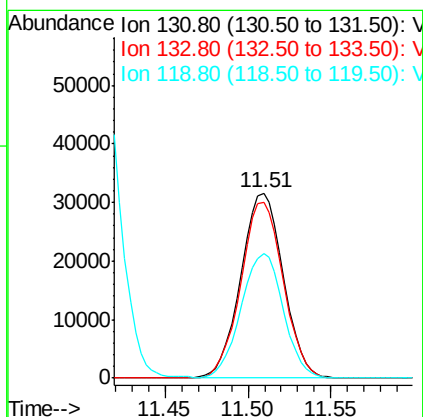
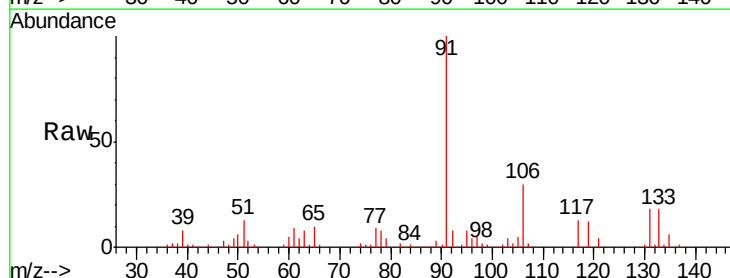
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

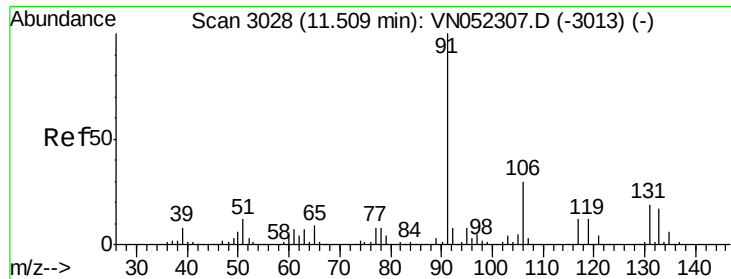
Tgt Ion:112 Resp: 158824
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.49 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion:131 Resp: 56215
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.3
119 67.1 33.3 99.9

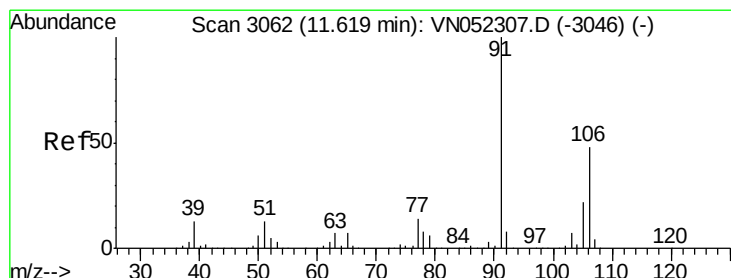
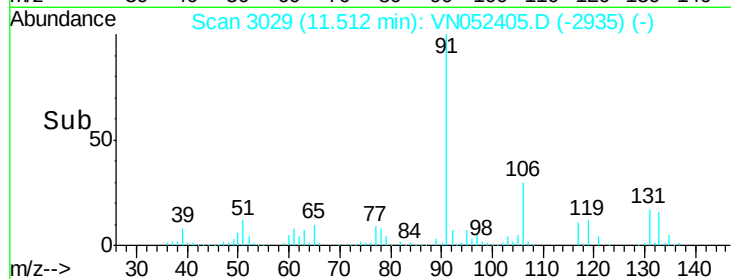
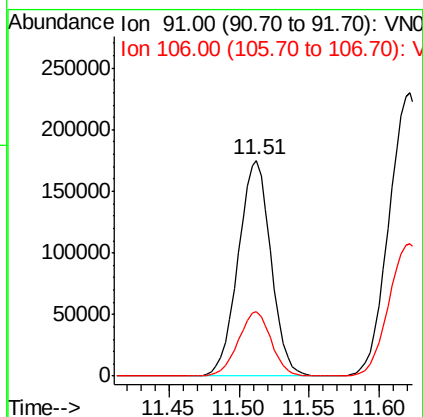
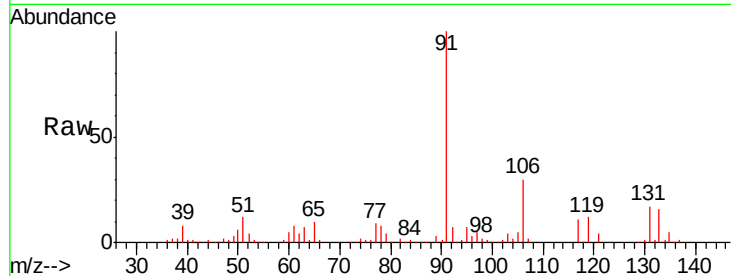




#67
Ethyl Benzene
 Concen: 20.39 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

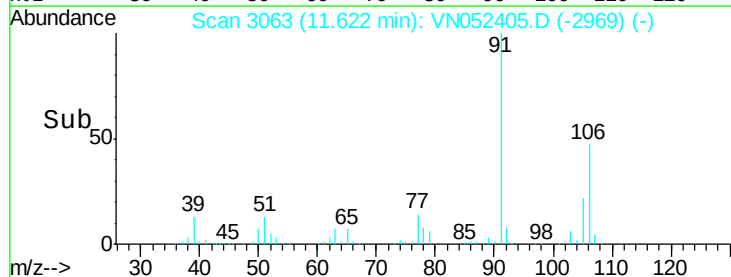
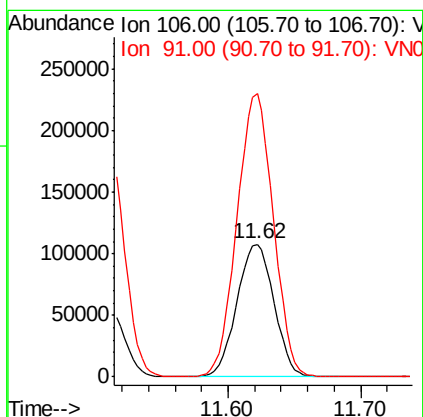
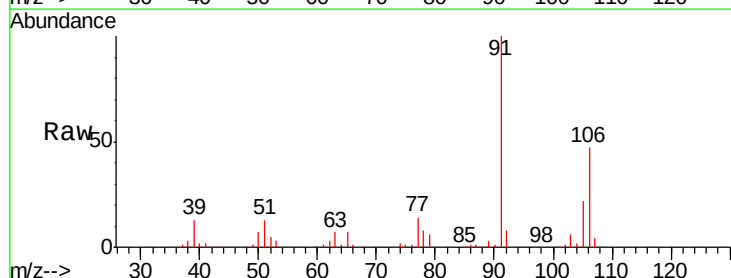
Instrument :
 MSVOA_N
 ClientSampled :
 VN1120WBSD01

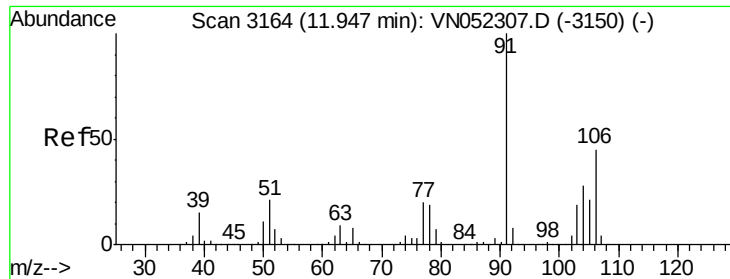
Tgt Ion: 91 Resp: 284670
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.2 36.2



#68
m/p-Xylenes
 Concen: 40.95 ug/l
 RT: 11.62 min Scan# 3063
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 106 Resp: 208961
 Ion Ratio Lower Upper
 106 100
 91 209.2 165.5 248.3

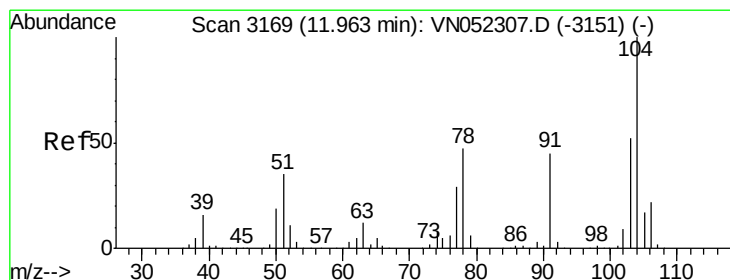
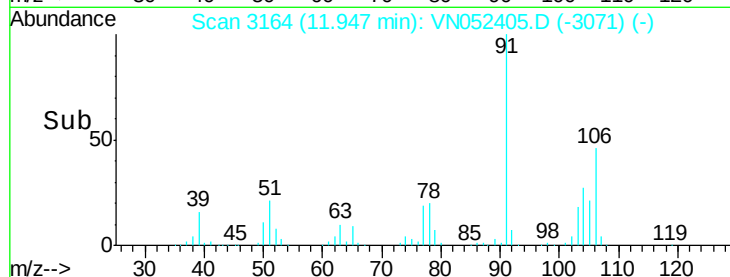
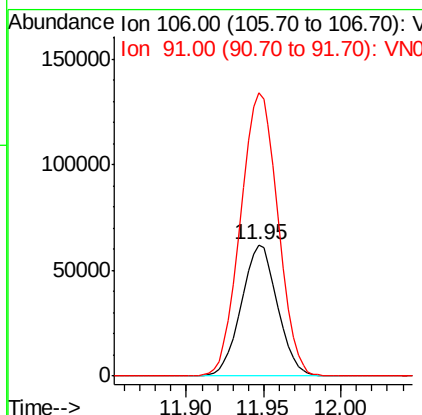
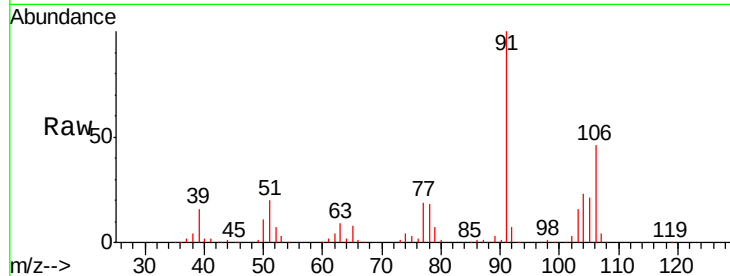




#69
o-Xylene
Concen: 20.60 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

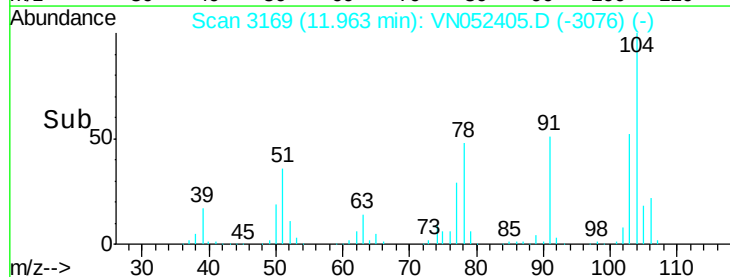
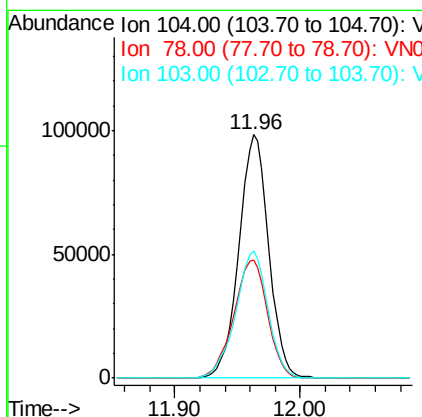
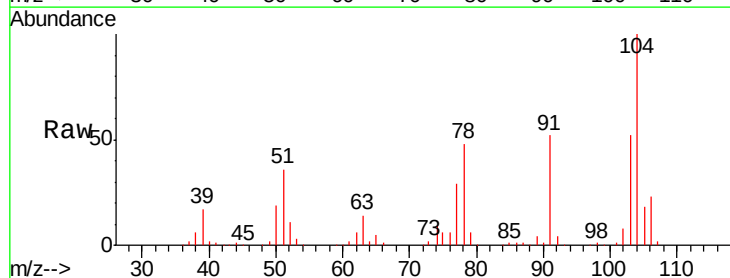
Instrument :
MSVOA_N
ClientSampled :
VN1120WBSD01

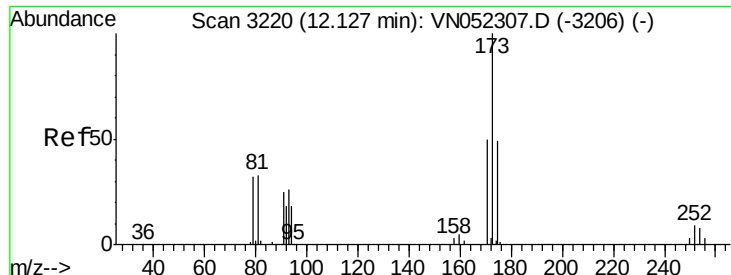
Tgt Ion:106 Resp: 100767
Ion Ratio Lower Upper
106 100
91 224.1 110.0 330.0



#70
Styrene
Concen: 20.73 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052405.D
Acq: 20 Nov 2018 14:12

Tgt Ion:104 Resp: 162326
Ion Ratio Lower Upper
104 100
78 54.9 42.7 64.1
103 56.3 45.4 68.0





#71

Bromoform

Concen: 20.66 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1120WBSD01

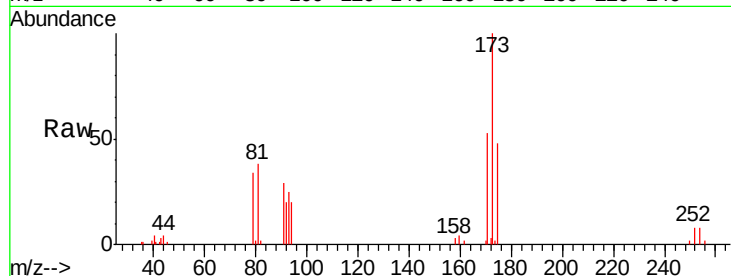
Tgt Ion:173 Resp: 33465

Ion Ratio Lower Upper

173 100

175 49.2 25.0 75.0

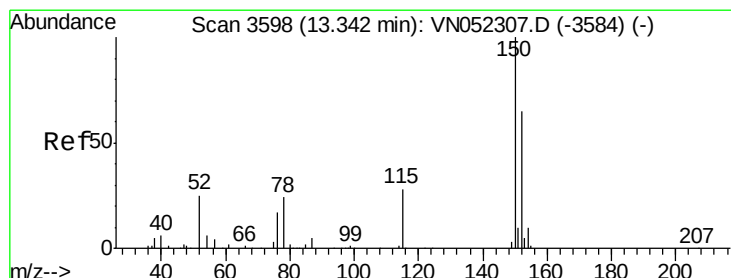
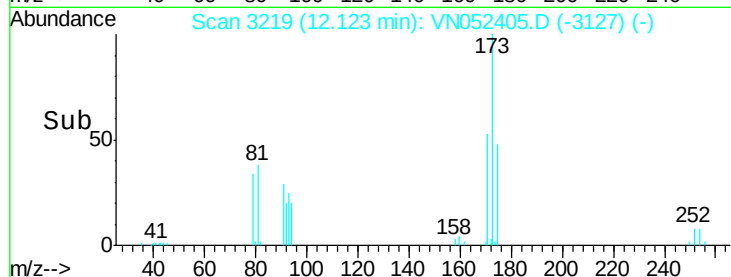
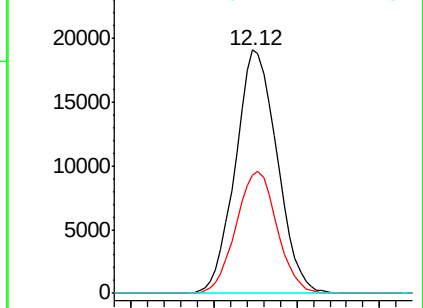
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

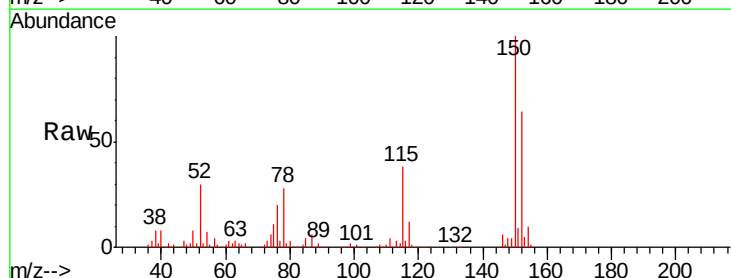
Tgt Ion:152 Resp: 164567

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

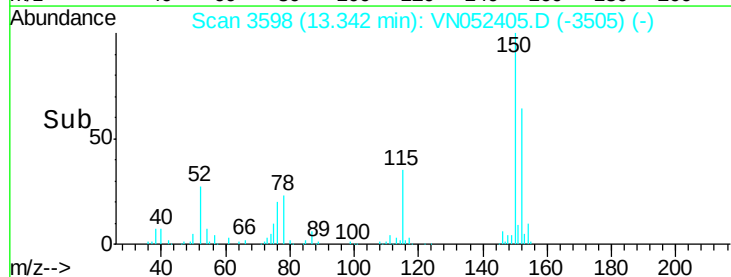
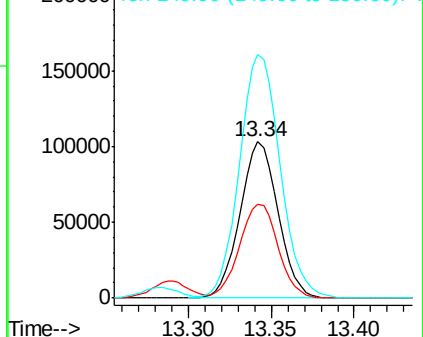
150 166.8 0.0 348.2

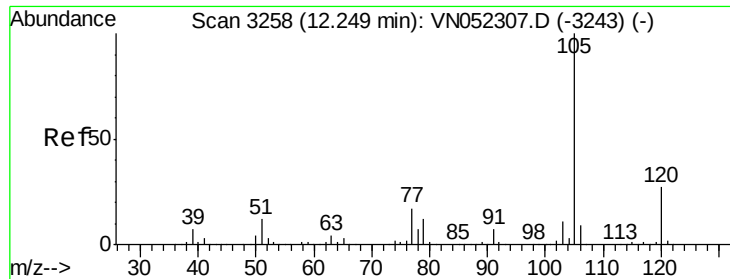


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.29 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

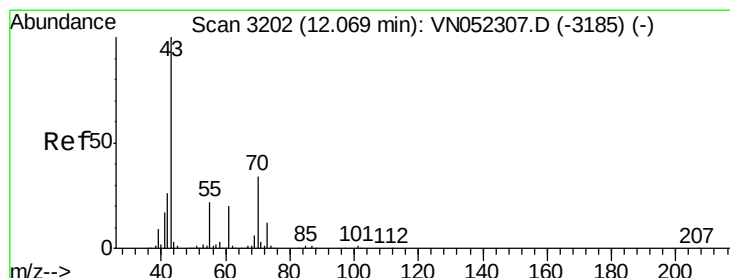
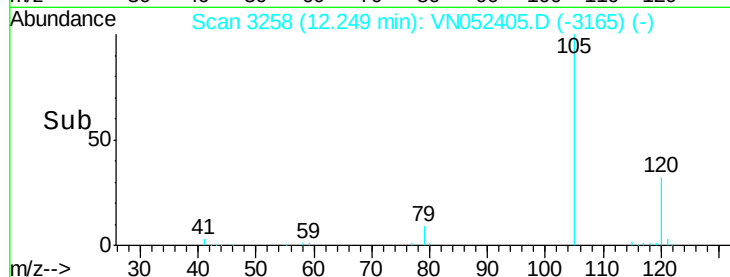
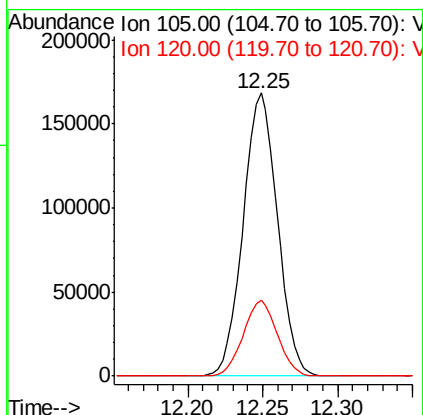
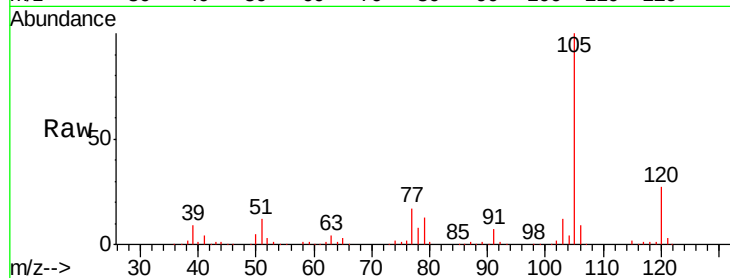
VN1120WBSD01

Tgt Ion:105 Resp: 268427

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 17.31 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Tgt Ion: 43 Resp: 81582

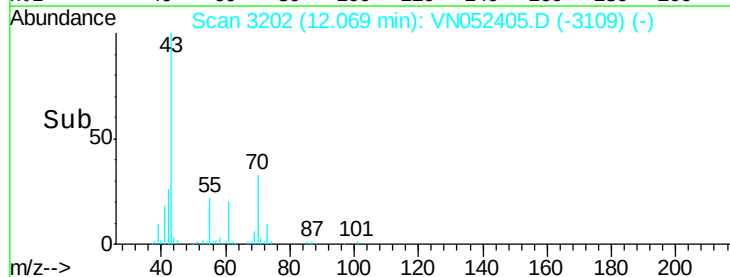
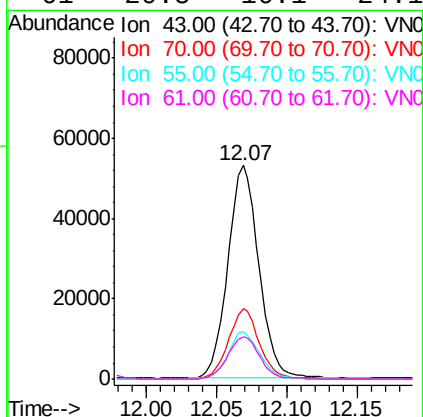
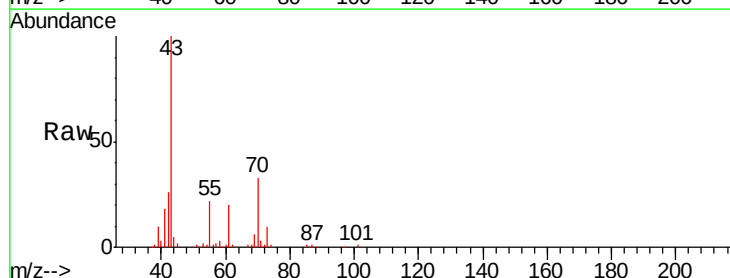
Ion Ratio Lower Upper

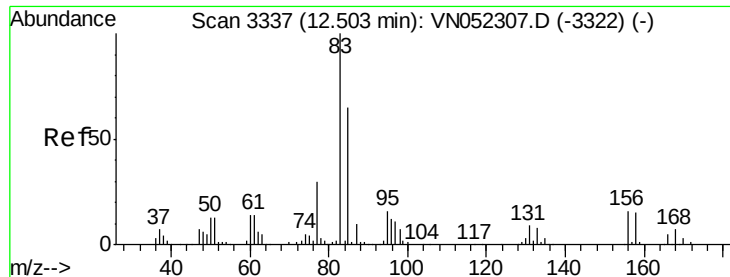
43 100

70 33.1 27.1 40.7

55 22.7 17.4 26.0

61 20.5 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.43 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

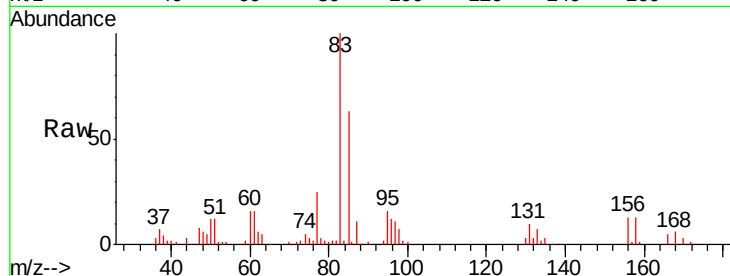
Tgt Ion: 83 Resp: 62151

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

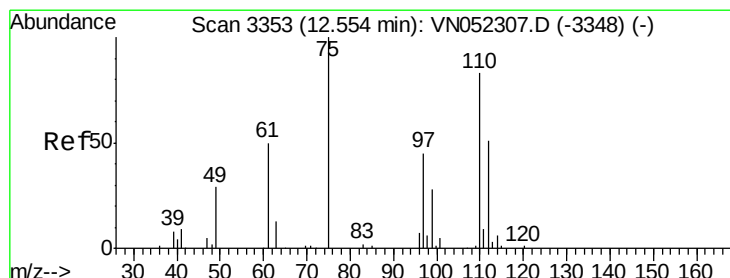
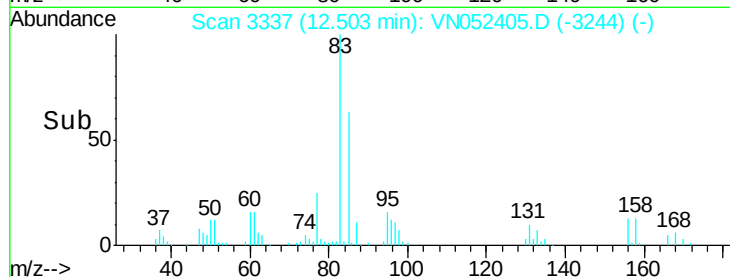
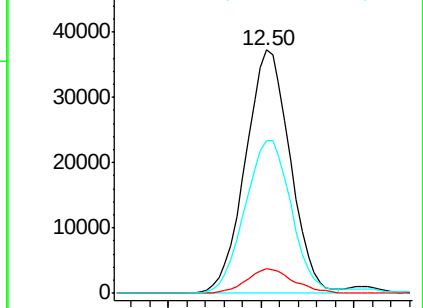
85 65.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.58 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052405.D

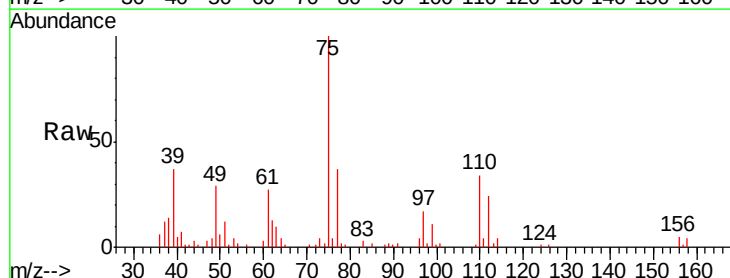
Acq: 20 Nov 2018 14:12

Tgt Ion: 75 Resp: 79814

Ion Ratio Lower Upper

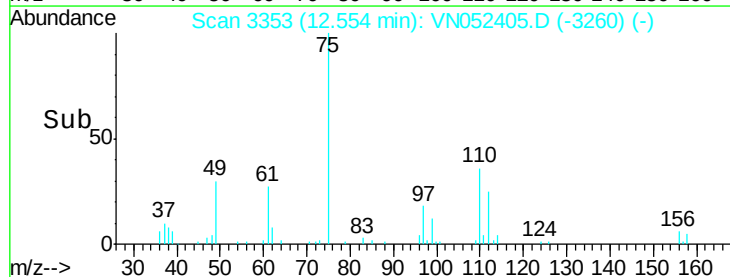
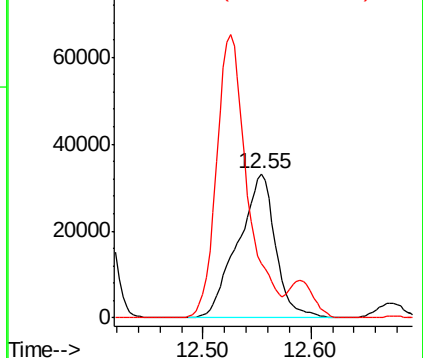
75 100

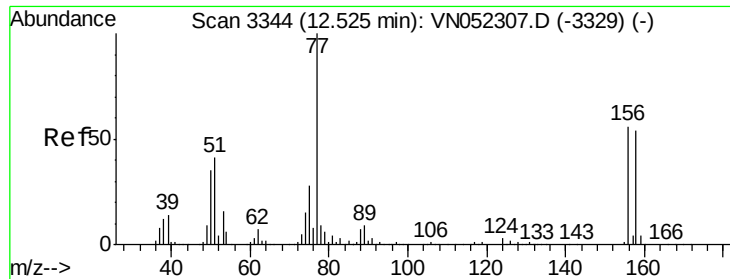
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.41 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1120WBSD01

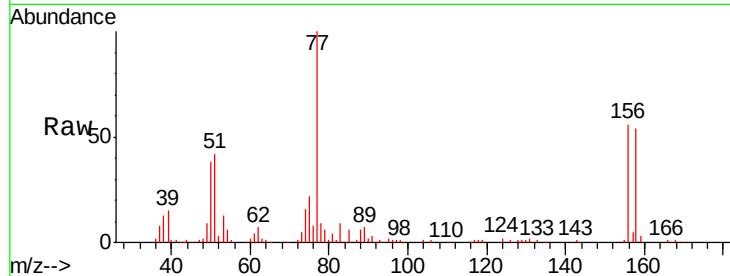
Tgt Ion:156 Resp: 62848

Ion Ratio Lower Upper

156 100

77 206.0 103.6 310.9

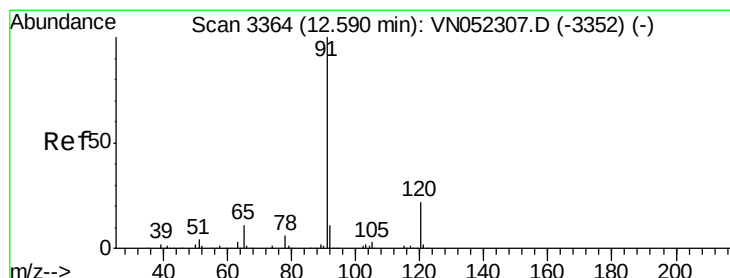
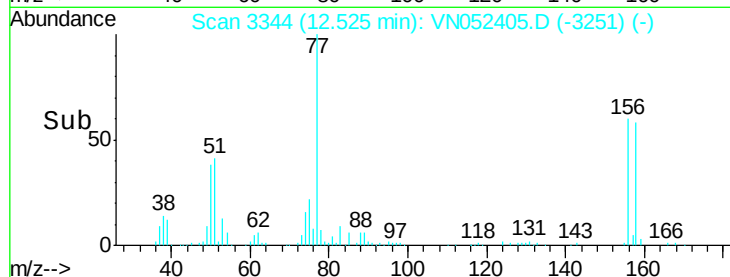
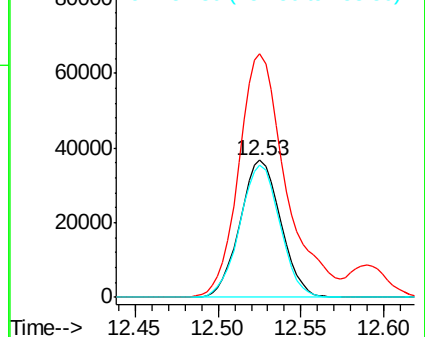
158 94.8 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.74 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052405.D

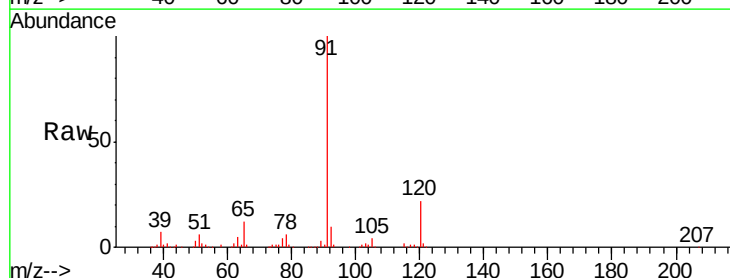
Acq: 20 Nov 2018 14:12

Tgt Ion: 91 Resp: 320928

Ion Ratio Lower Upper

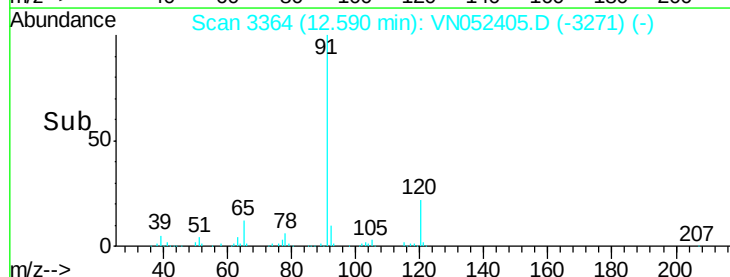
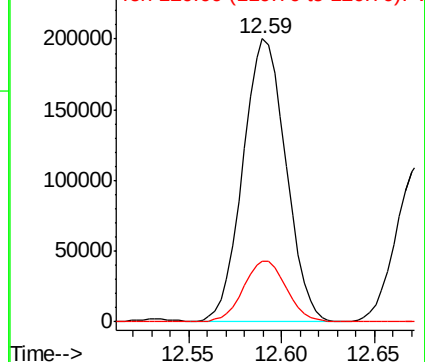
91 100

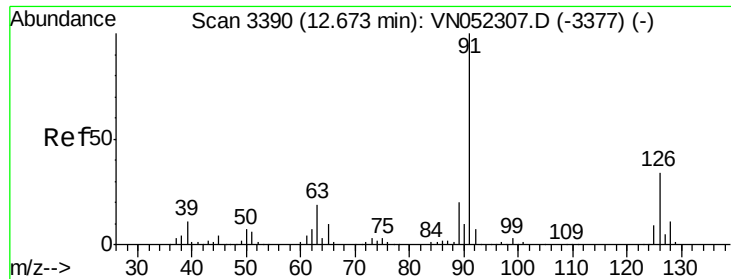
120 21.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

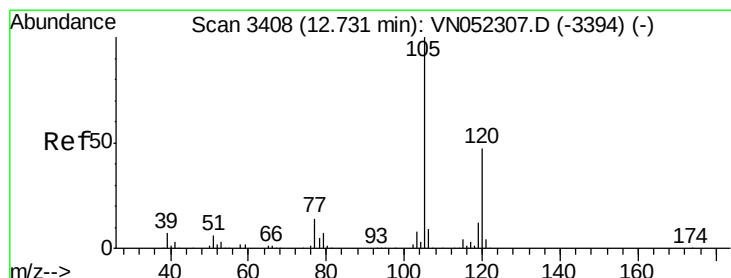
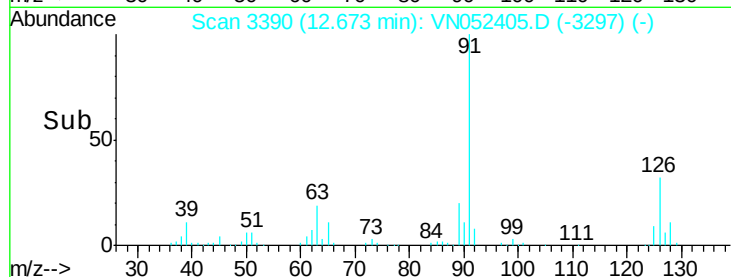
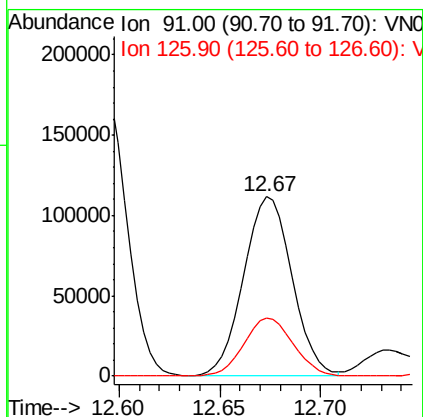
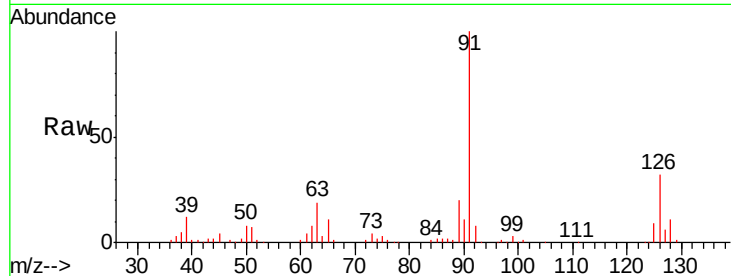




#79
 2-Chlorotoluene
 Concen: 20.74 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

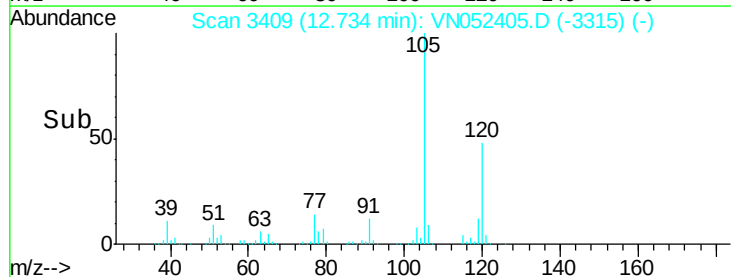
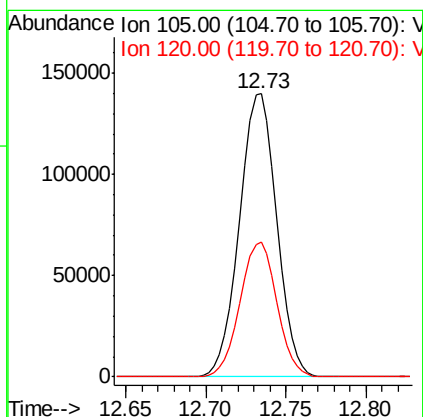
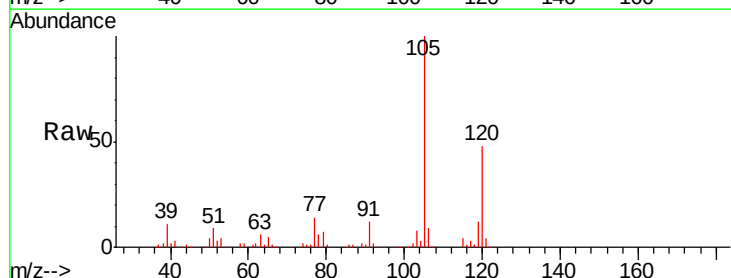
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

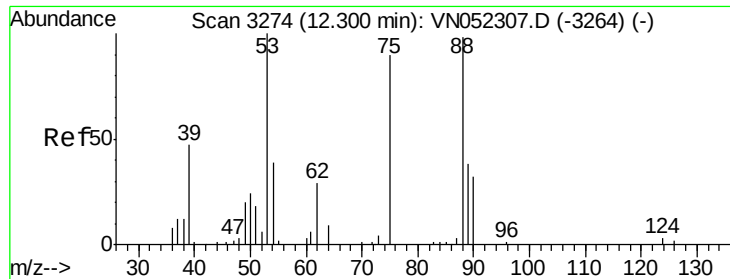
Tgt Ion: 91 Resp: 187501
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.07 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 105 Resp: 221669
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 16.89 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1120WBSD01

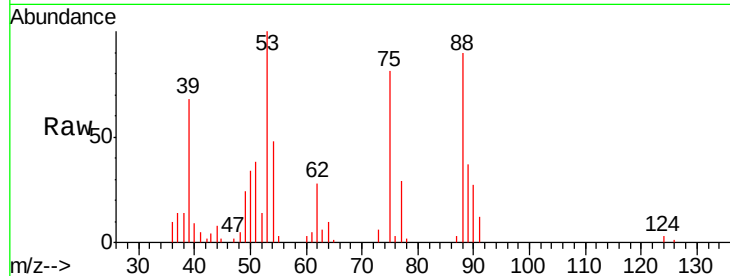
Tgt Ion: 75 Resp: 14544

Ion Ratio Lower Upper

75 100

53 131.6 90.2 135.2

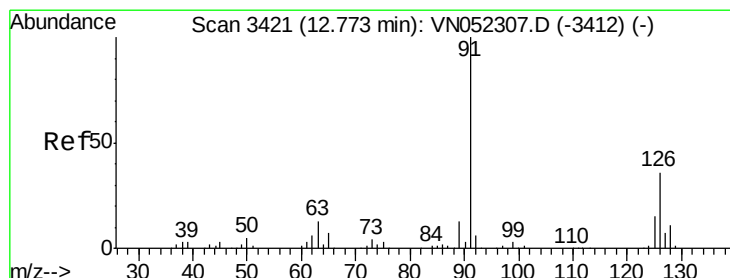
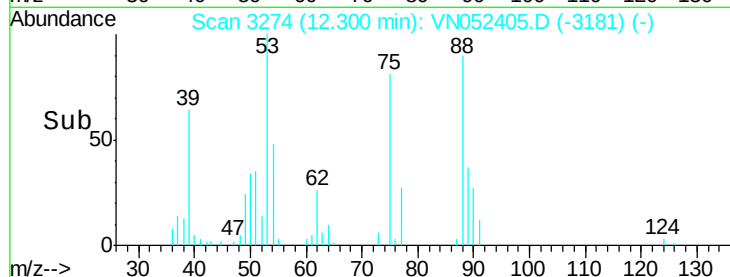
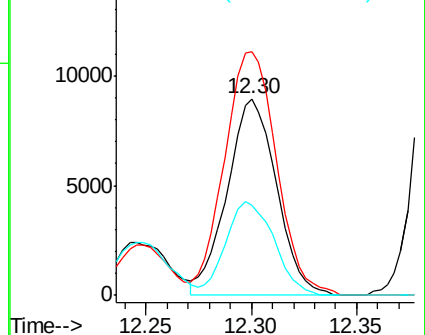
89 46.6 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052307.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052307.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 20.39 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052405.D

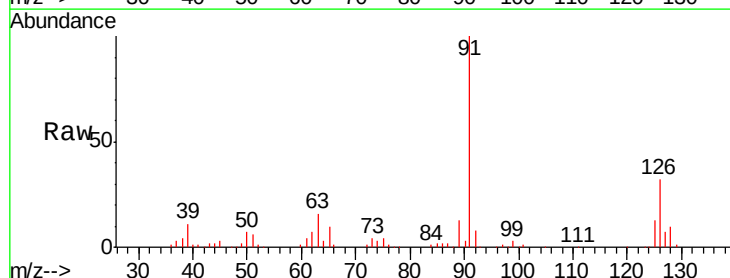
Acq: 20 Nov 2018 14:12

Tgt Ion: 91 Resp: 188822

Ion Ratio Lower Upper

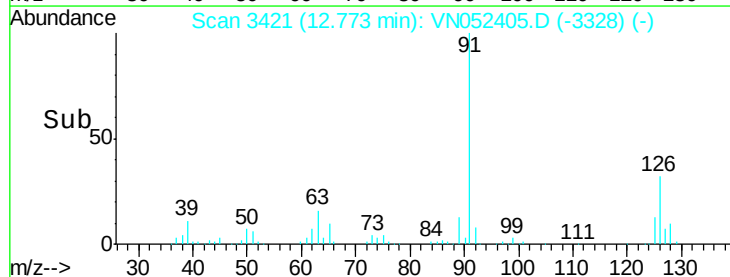
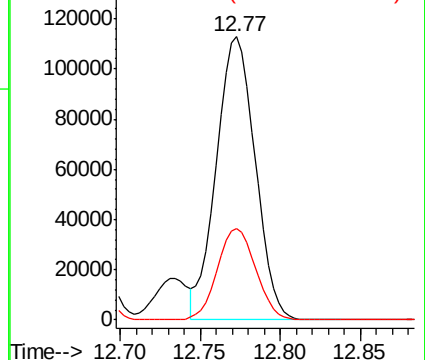
91 100

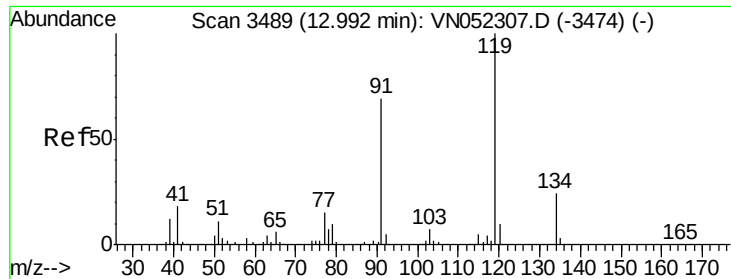
126 31.8 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052307.D (-3412) (-)

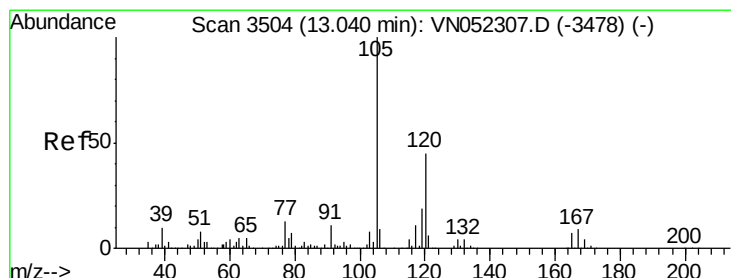
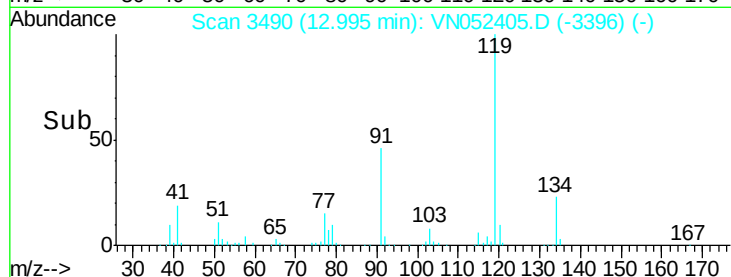
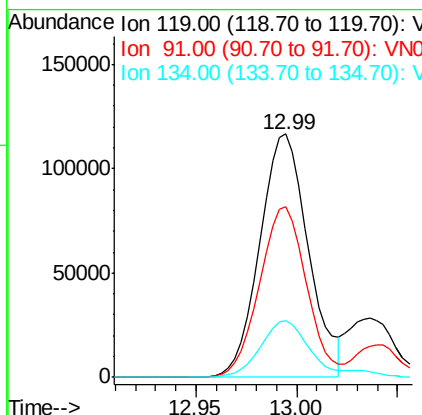
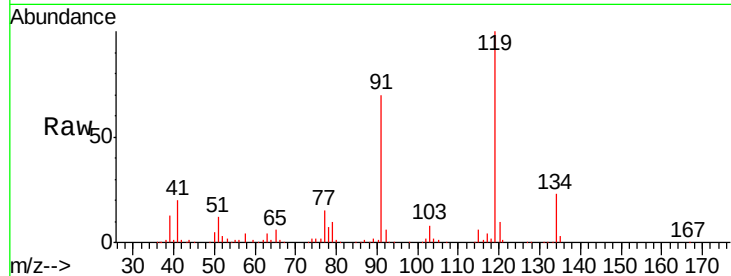




#83
 tert-Butylbenzene
 Concen: 21.07 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

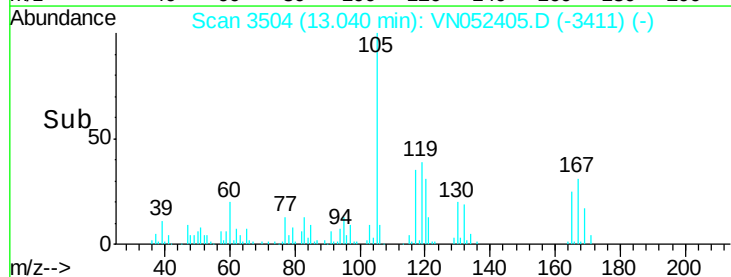
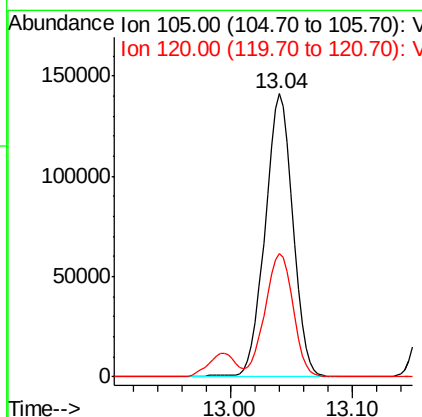
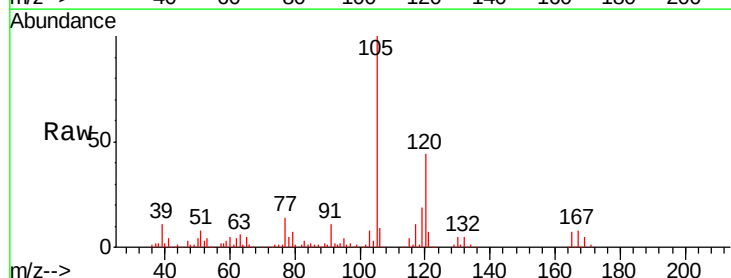
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

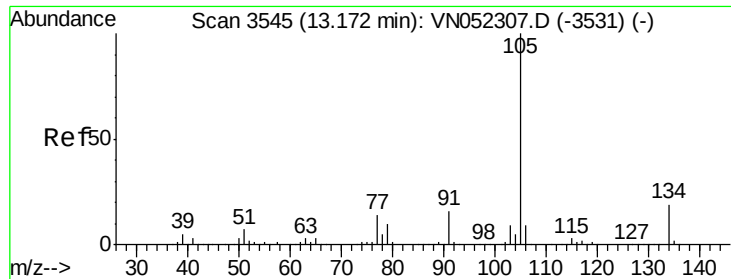
Tgt Ion:119 Resp: 195723
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.8 101.3
 134 25.0 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.26 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion:105 Resp: 224522
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.72 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

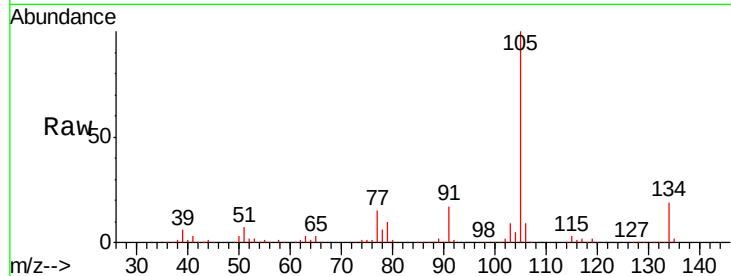
VN1120WBSD01

Tgt Ion:105 Resp: 262179

Ion Ratio Lower Upper

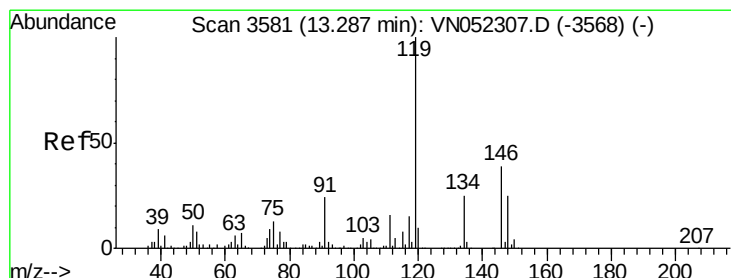
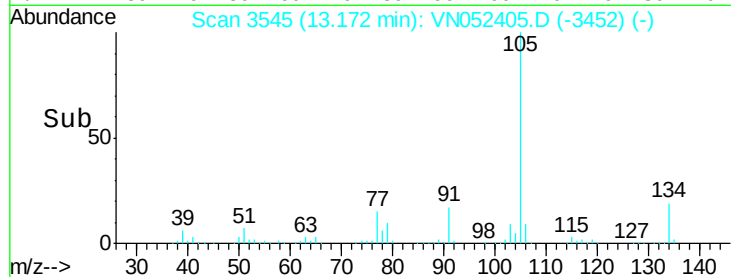
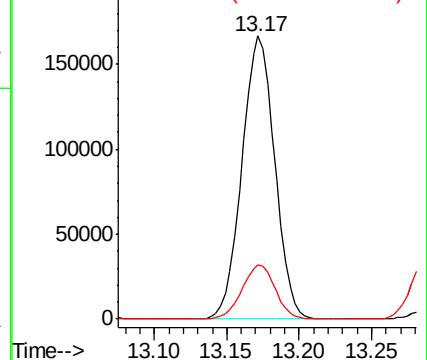
105 100

134 19.2 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.61 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

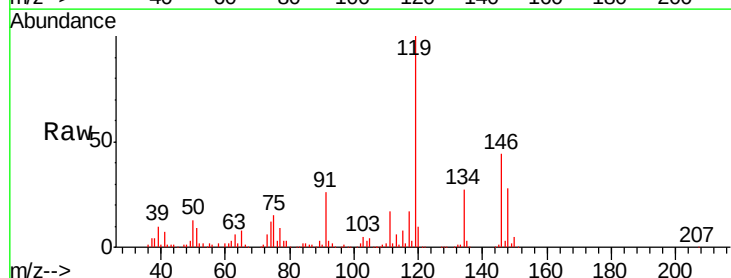
Tgt Ion:119 Resp: 220959

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

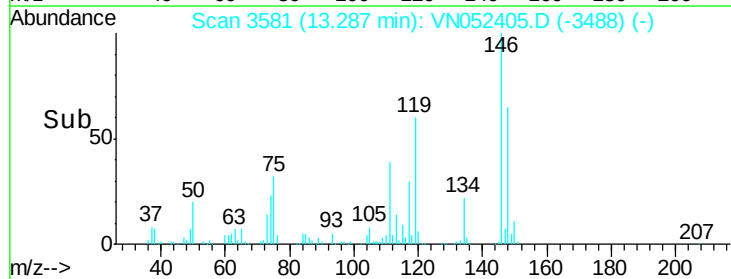
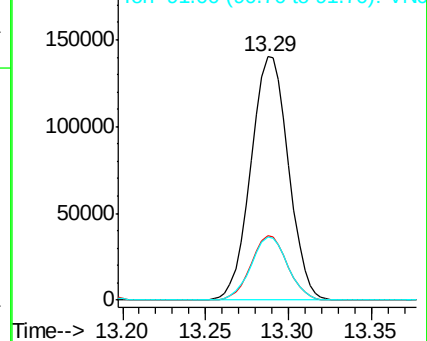
91 25.6 12.4 37.0

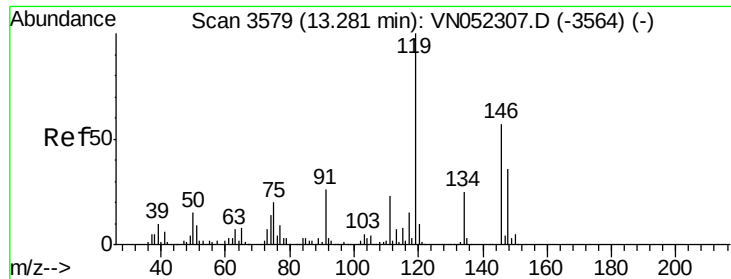


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

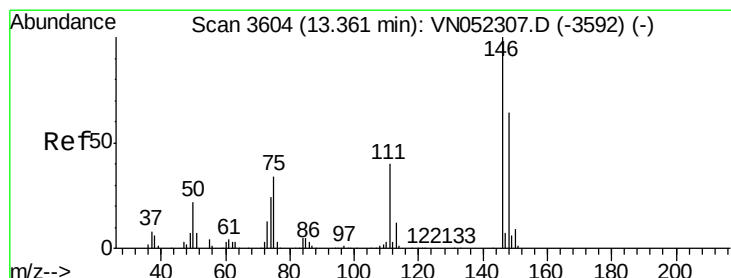
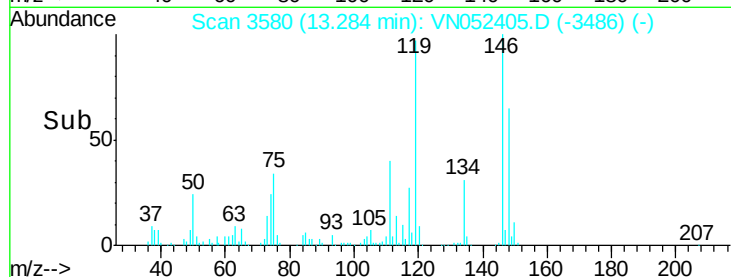
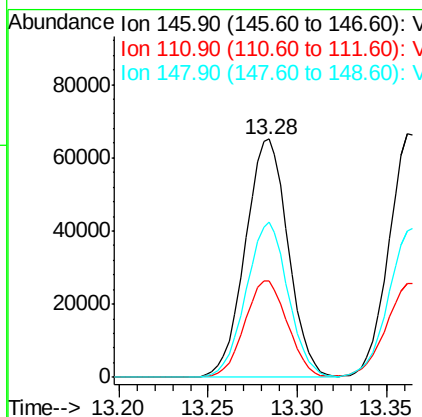
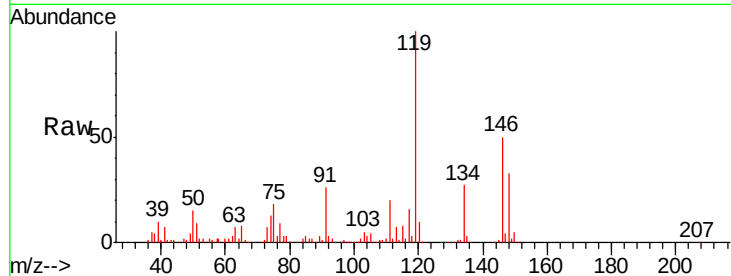




#87
 1,3-Dichlorobenzene
 Concen: 20.02 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

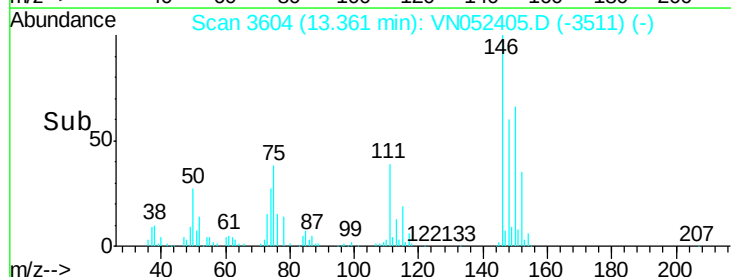
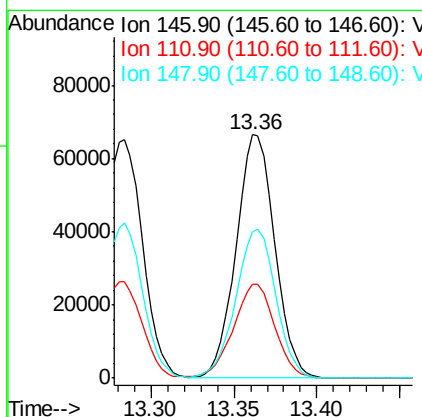
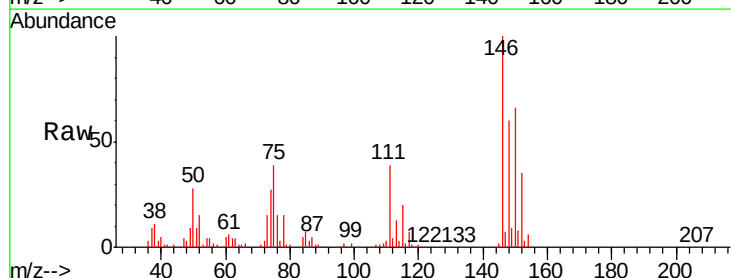
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

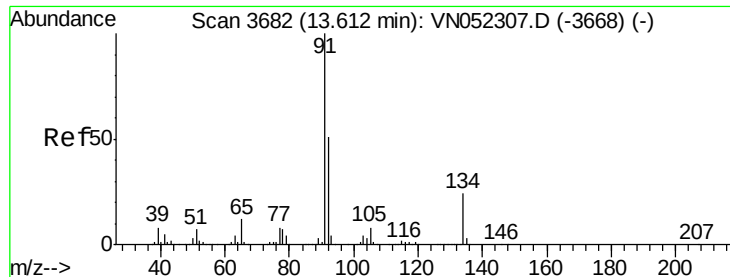
Tgt Ion:146 Resp: 109457
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 61.0
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion:146 Resp: 108019
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 20.35 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1120WBSD01

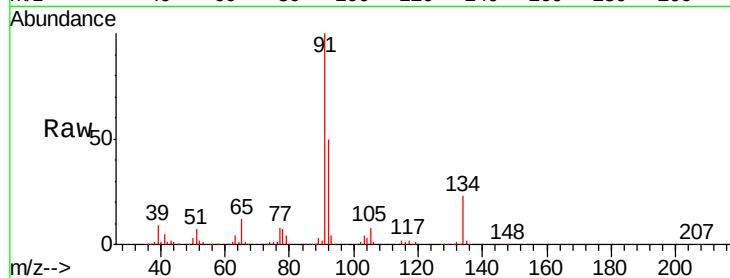
Tgt Ion: 91 Resp: 187320

Ion Ratio Lower Upper

91 100

92 49.9 25.4 76.2

134 23.7 12.2 36.4

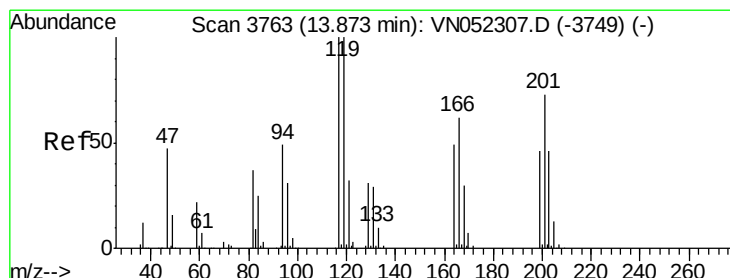
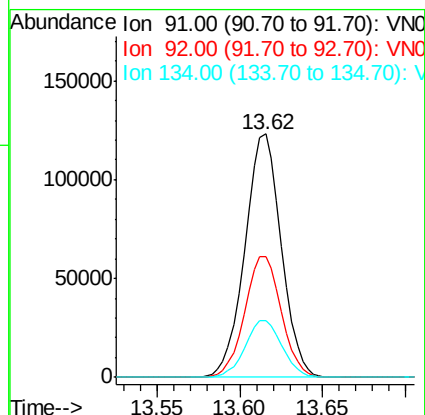
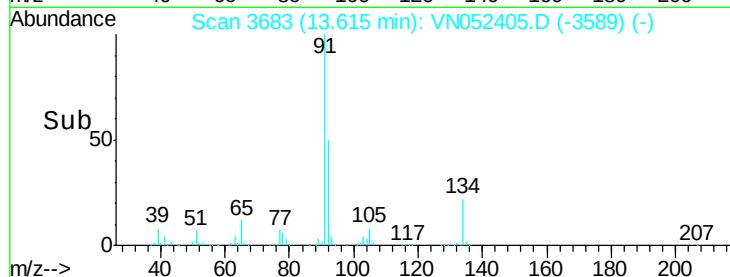


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 20.91 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052405.D

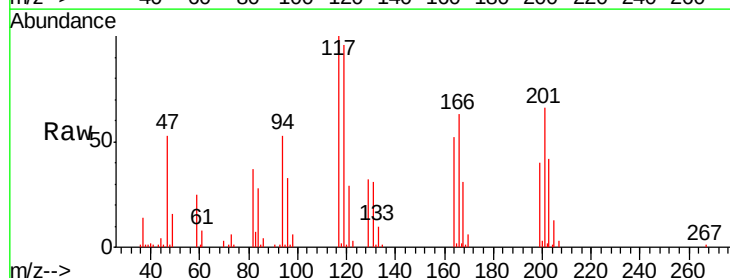
Acq: 20 Nov 2018 14:12

Tgt Ion: 117 Resp: 39691

Ion Ratio Lower Upper

117 100

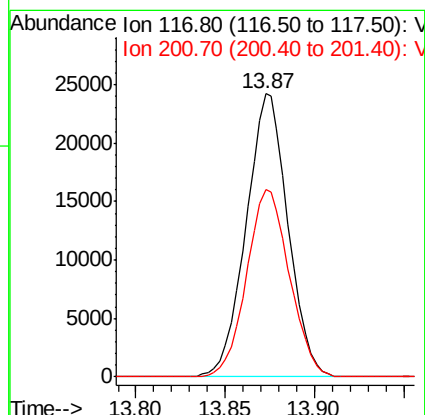
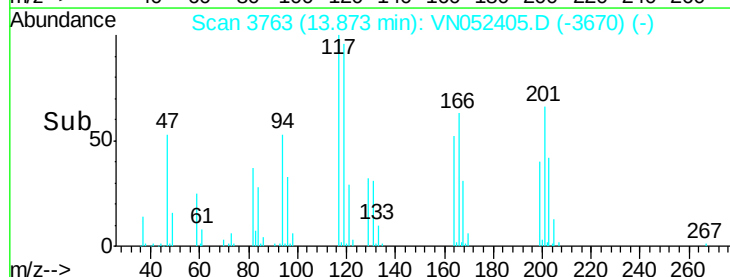
201 67.7 35.3 105.9

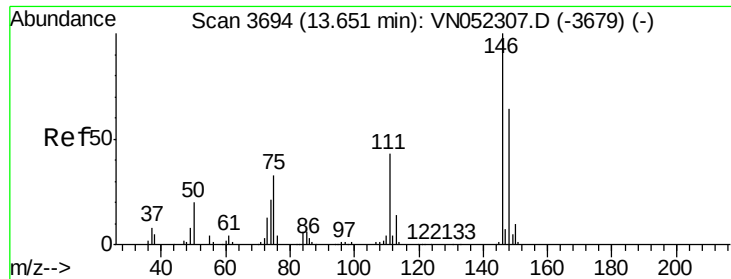


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)

Time-->

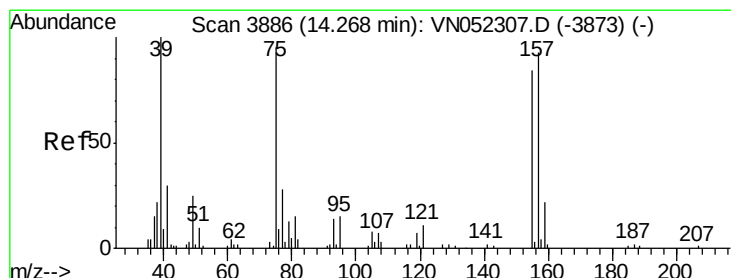
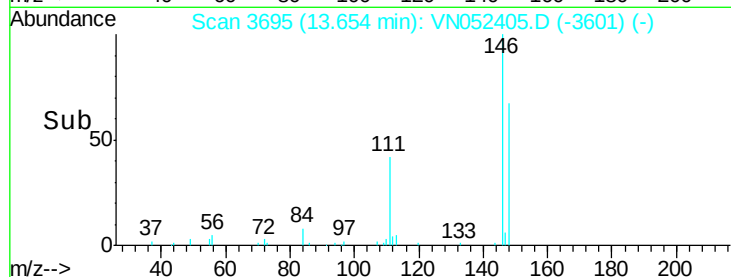
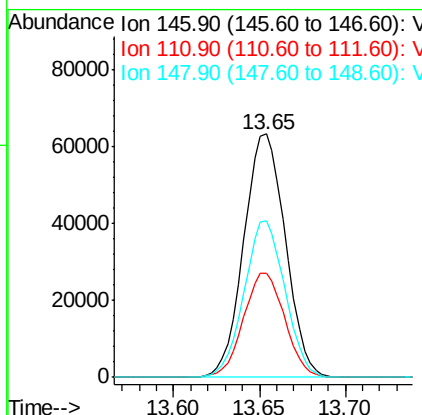
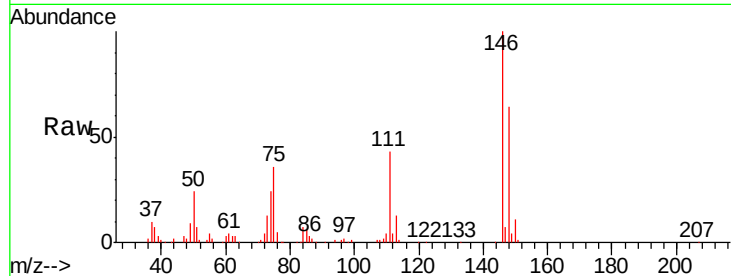




#91
 1,2-Dichlorobenzene
 Concen: 20.11 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

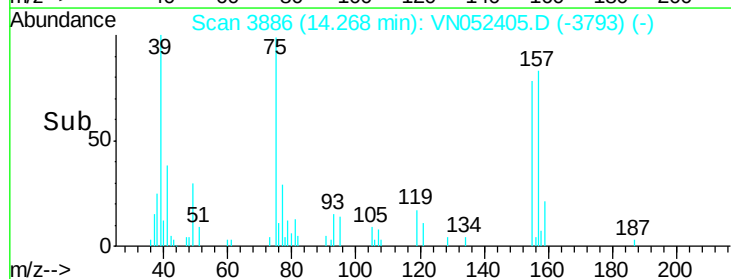
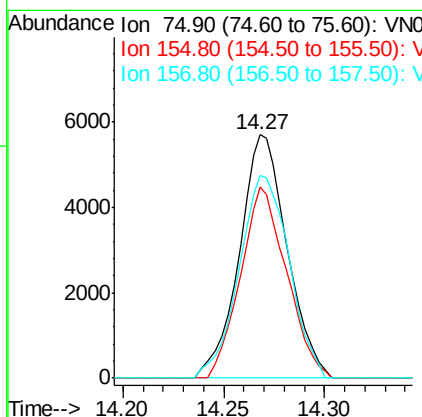
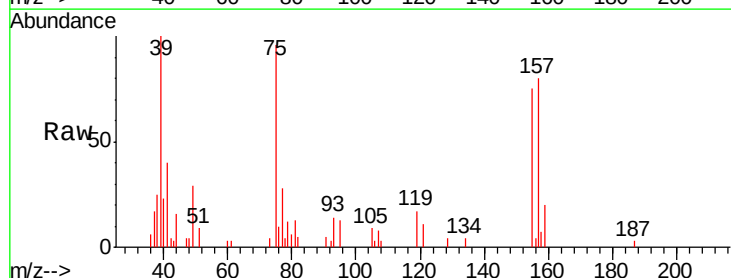
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

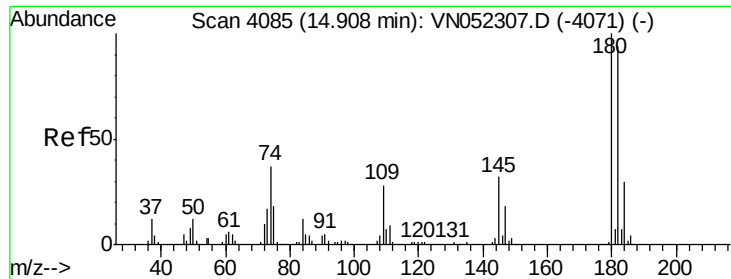
Tgt Ion: 146 Resp: 106545
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 62.9 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.97 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion: 75 Resp: 9421
 Ion Ratio Lower Upper
 75 100
 155 75.9 42.4 127.3
 157 87.3 49.6 149.0

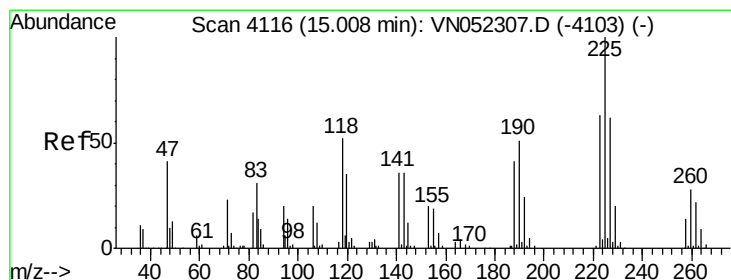
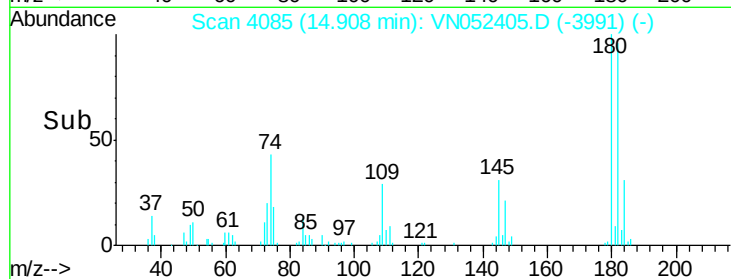
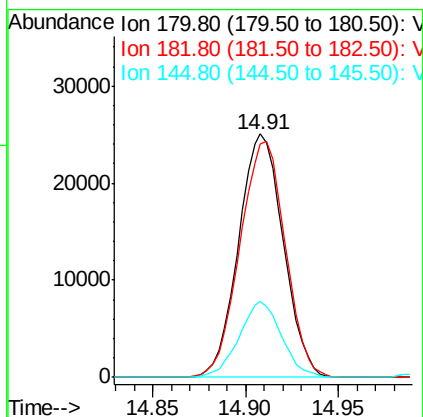
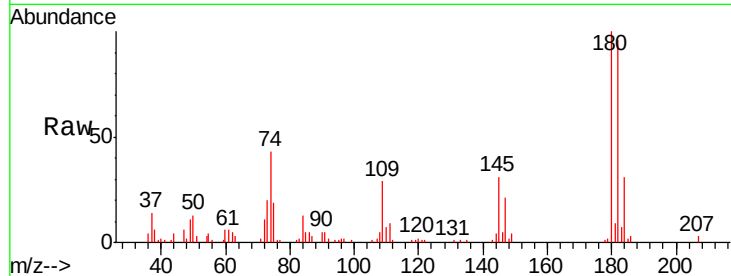




#93
 1,2,4-Trichlorobenzene
 Concen: 18.46 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

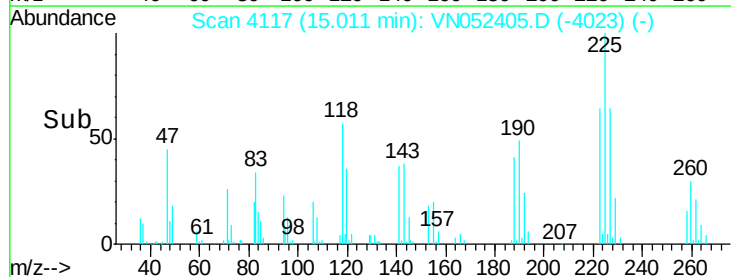
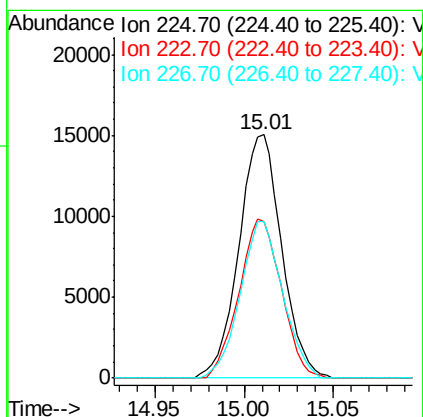
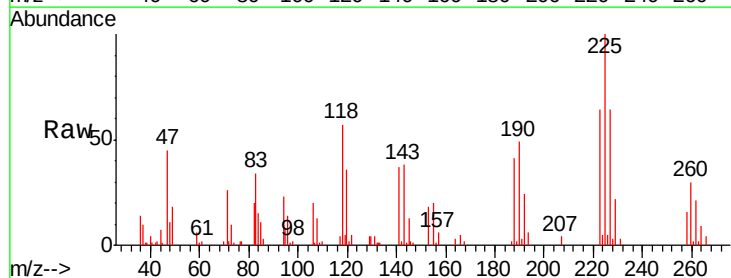
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

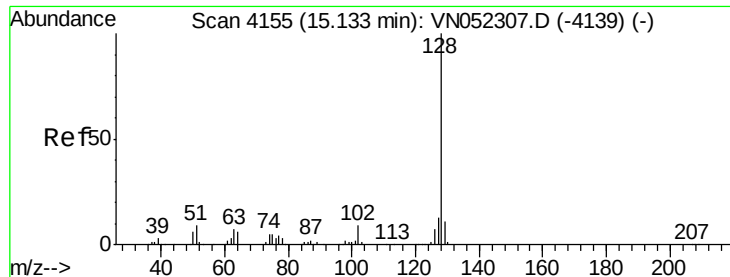
Tgt Ion:180 Resp: 41820
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.6 142.9
 145 29.6 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.86 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052405.D
 Acq: 20 Nov 2018 14:12

Tgt Ion:225 Resp: 25292
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.9 95.5
 227 63.8 31.6 95.0





#95

Naphthalene

Concen: 17.63 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

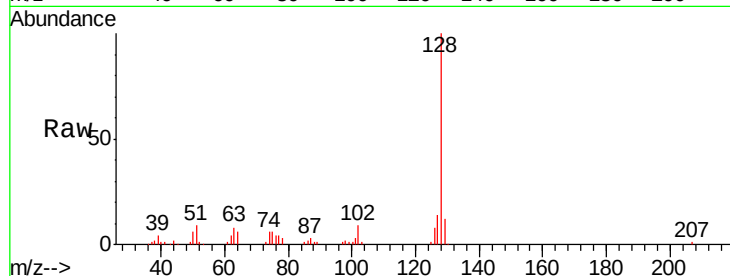
Tgt Ion:128 Resp: 92347

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

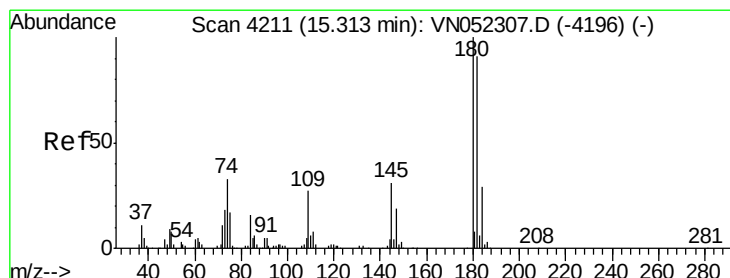
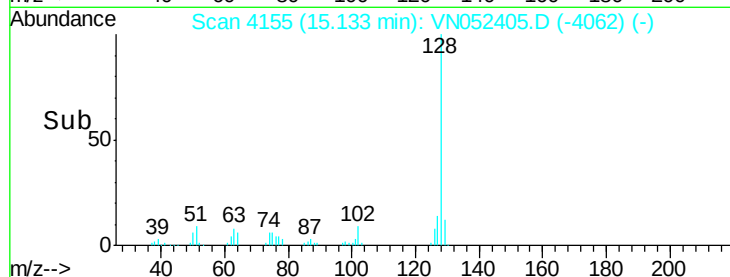
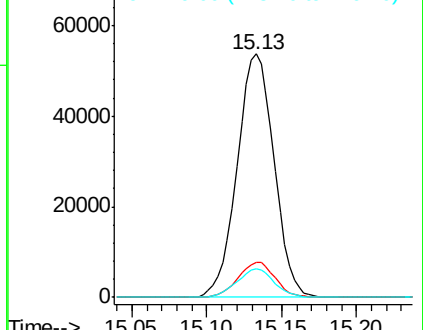
129 11.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.23 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052405.D

Acq: 20 Nov 2018 14:12

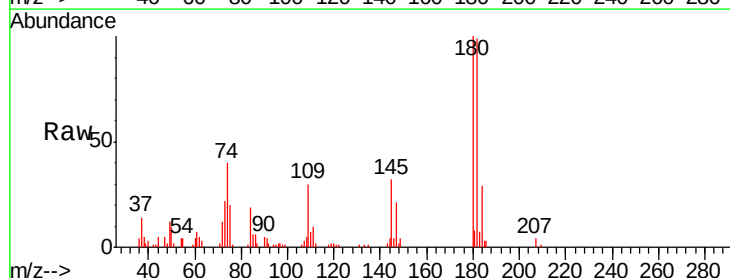
Tgt Ion:180 Resp: 38701

Ion Ratio Lower Upper

180 100

182 97.8 46.5 139.3

145 33.6 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

